

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
 Data File : BM047357.D
 Acq On : 27 Aug 2024 10:34
 Operator : RC/JU
 Sample : PB162987BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162987BS

Quant Time: Aug 27 11:53:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	389912	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1478054	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	965973	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1889197	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1177820	20.000	ng	0.00
86) Perylene-d12	23.709	264	1021763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2579248	126.912	ng	0.00
7) Phenol-d6	6.575	99	3371604	121.782	ng	0.00
23) Nitrobenzene-d5	8.504	82	2152928	80.820	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1349979	115.835	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	5019952	79.849	ng	0.00
79) Terphenyl-d14	19.445	244	6421770	97.048	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	251613	30.247	ng	99
3) Pyridine	3.393	79	613948	26.592	ng	98
4) n-Nitrosodimethylamine	3.316	42	410451	43.652	ng	97
6) Aniline	6.704	93	673160	26.846	ng	99
8) 2-Chlorophenol	6.928	128	1078787	47.425	ng	99
9) Benzaldehyde	6.516	77	226469	12.265	ng	98
10) Phenol	6.598	94	1255960	46.109	ng	98
11) bis(2-Chloroethyl)ether	6.804	93	1028706	43.580	ng	99
12) 1,3-Dichlorobenzene	7.239	146	1139193	40.954	ng	99
13) 1,4-Dichlorobenzene	7.387	146	1144693	40.634	ng	99
14) 1,2-Dichlorobenzene	7.692	146	1114181	41.735	ng	99
15) Benzyl Alcohol	7.610	79	941638	49.059	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.875	45	1209383	42.729	ng	99
17) 2-Methylphenol	7.816	107	854872	45.172	ng	99
18) Hexachloroethane	8.398	117	435821	41.385	ng	98
19) n-Nitroso-di-n-propyla...	8.163	70	747517	39.278	ng	99
20) 3+4-Methylphenols	8.145	107	1163513	44.219	ng	99
22) Acetophenone	8.175	105	1337603	38.994	ng	# 98
24) Nitrobenzene	8.545	77	1126456	41.116	ng	98
25) Isophorone	9.069	82	2139744	42.500	ng	99
26) 2-Nitrophenol	9.239	139	615012	45.637	ng	100
27) 2,4-Dimethylphenol	9.322	122	768958	50.551	ng	98
28) bis(2-Chloroethoxy)met...	9.551	93	1322766	42.904	ng	99
29) 2,4-Dichlorophenol	9.781	162	1125257	47.687	ng	99
30) 1,2,4-Trichlorobenzene	9.975	180	1151768	42.259	ng	98
31) Naphthalene	10.151	128	3007149	41.655	ng	100
32) Benzoic acid	9.551	122	755044	41.568	ng	98
33) 4-Chloroaniline	10.286	127	765888	28.533	ng	99
34) Hexachlorobutadiene	10.433	225	703075	41.305	ng	99
35) Caprolactam	11.116	113	155086	20.289	ng	99
36) 4-Chloro-3-methylphenol	11.439	107	1058848	44.188	ng	99
37) 2-Methylnaphthalene	11.780	142	2226373	42.297	ng	100
38) 1-Methylnaphthalene	12.004	142	2060513	39.581	ng	100
40) 1,2,4,5-Tetrachloroben...	12.163	216	1173059	41.010	ng	99
41) Hexachlorocyclopentadiene	12.133	237	1071318	118.671	ng	99
43) 2,4,6-Trichlorophenol	12.427	196	917298	46.780	ng	98

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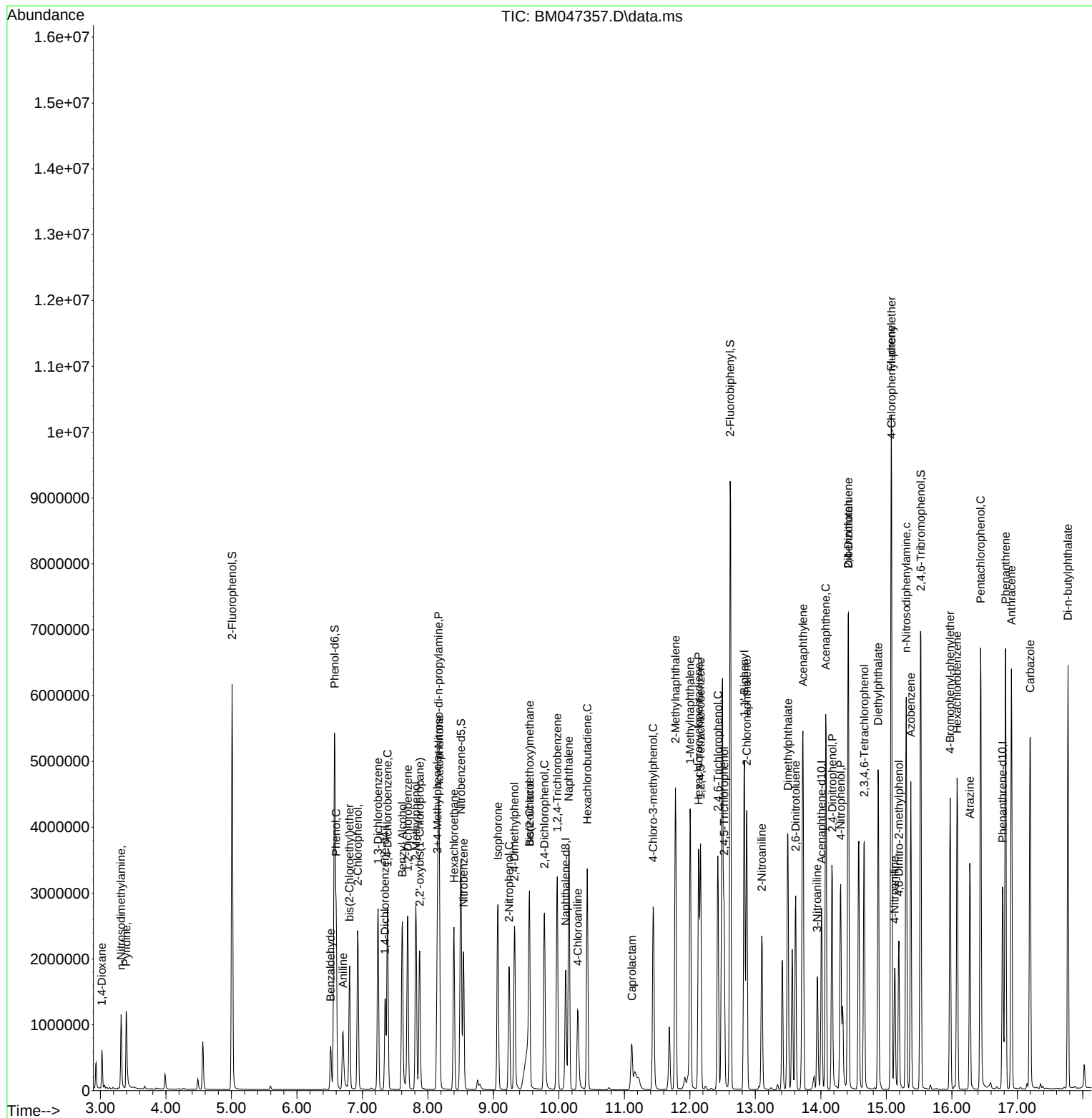
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.521	196	916246	42.074	ng	99
46) 1,1'-Biphenyl	12.833	154	2674156	39.647	ng	99
47) 2-Chloronaphthalene	12.869	162	2226181	42.117	ng	99
48) 2-Nitroaniline	13.098	65	667648	45.093	ng	99
49) Acenaphthylene	13.727	152	3541544	46.101	ng	99
50) Dimethylphthalate	13.498	163	2889323	43.410	ng	99
51) 2,6-Dinitrotoluene	13.616	165	655082	42.272	ng	99
52) Acenaphthene	14.074	154	2060560	42.253	ng	99
53) 3-Nitroaniline	13.945	138	470028	32.869	ng	99
54) 2,4-Dinitrophenol	14.174	184	861576	90.278	ng	96
55) Dibenzofuran	14.421	168	3353697	42.694	ng	100
56) 4-Nitrophenol	14.304	139	958388	85.739	ng	98
57) 2,4-Dinitrotoluene	14.421	165	837427	41.744	ng	96
58) Fluorene	15.074	166	2657037	41.795	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	803382	44.915	ng	100
60) Diethylphthalate	14.874	149	2757152	41.994	ng	100
61) 4-Chlorophenyl-phenyle...	15.080	204	1386708	42.879	ng	97
62) 4-Nitroaniline	15.127	138	526240	39.781	ng	99
63) Azobenzene	15.374	77	2484043	43.448	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	551909	47.598	ng	99
66) n-Nitrosodiphenylamine	15.304	169	2338526	45.238	ng	100
67) 4-Bromophenyl-phenylether	15.974	248	885446	44.427	ng	97
68) Hexachlorobenzene	16.080	284	996585	43.294	ng	100
69) Atrazine	16.274	200	671735	39.755	ng	100
70) Pentachlorophenol	16.439	266	1252233	84.141	ng	98
71) Phenanthrene	16.821	178	4064455	44.300	ng	100
72) Anthracene	16.909	178	4053887	45.326	ng	100
73) Carbazole	17.198	167	3688657	42.978	ng	100
74) Di-n-butylphthalate	17.774	149	4504171	43.098	ng	100
75) Fluoranthene	18.856	202	4388669	40.738	ng	100
77) Benzidine	19.062	184	435609	22.157	ng	99
78) Pyrene	19.221	202	4493764	49.745	ng	100
80) Butylbenzylphthalate	20.156	149	1694644	47.939	ng	99
81) Benzo(a)anthracene	21.003	228	3524002	45.880	ng	99
82) 3,3'-Dichlorobenzidine	20.944	252	937336	36.278	ng	100
83) Chrysene	21.062	228	3239713	44.839	ng	99
84) Bis(2-ethylhexyl)phtha...	20.956	149	2244056	44.915	ng	99
85) Di-n-octyl phthalate	21.986	149	3512797	41.772	ng	100
87) Indeno(1,2,3-cd)pyrene	26.697	276	3210724	50.197	ng	100
88) Benzo(b)fluoranthene	22.868	252	3051135	51.184	ng	100
89) Benzo(k)fluoranthene	22.927	252	2918004	51.637	ng	99
90) Benzo(a)pyrene	23.585	252	2705998	52.491	ng	100
91) Dibenzo(a,h)anthracene	26.744	278	2586694	49.920	ng	99
92) Benzo(g,h,i)perylene	27.626	276	2604340	48.345	ng	100

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

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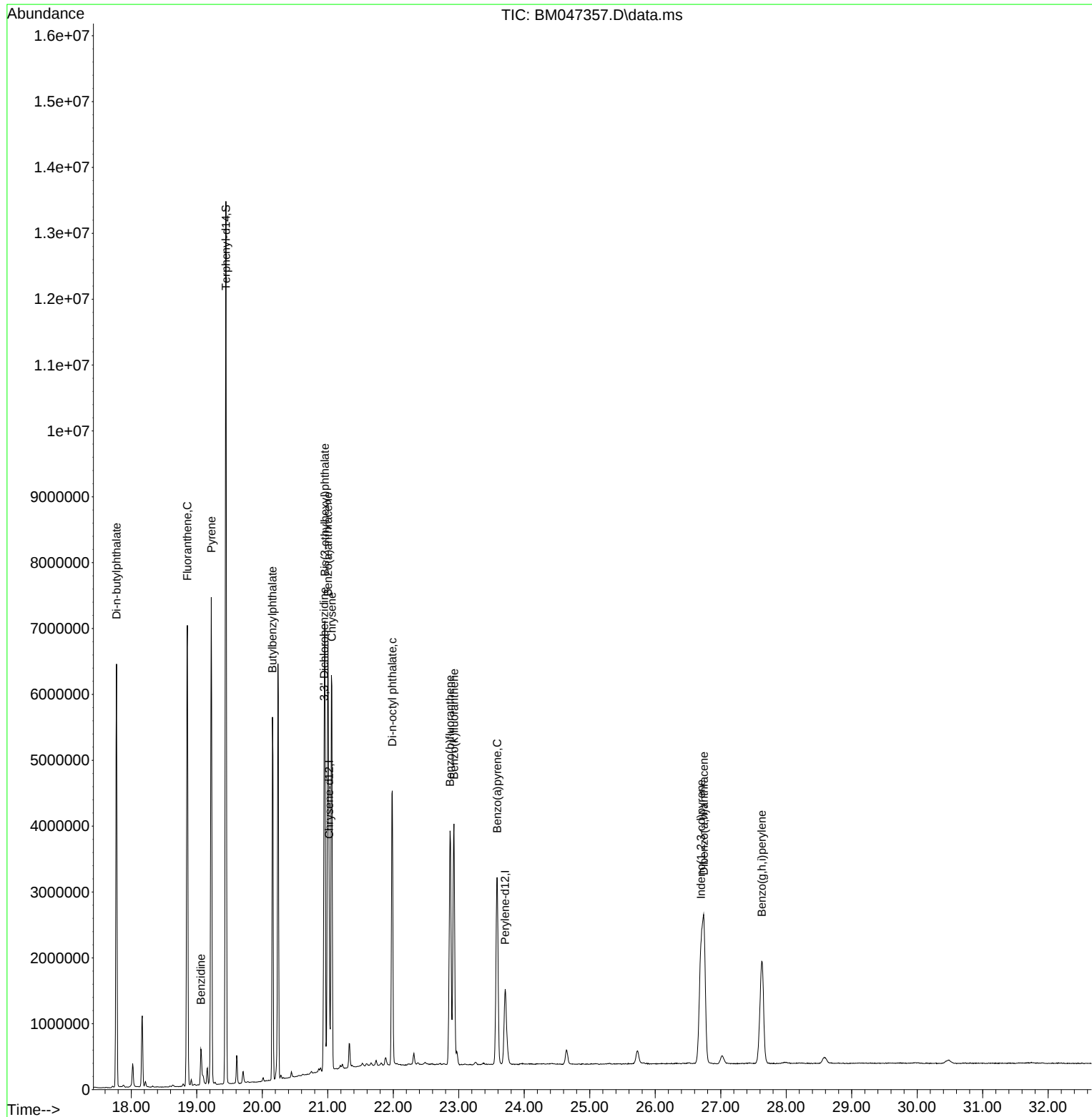
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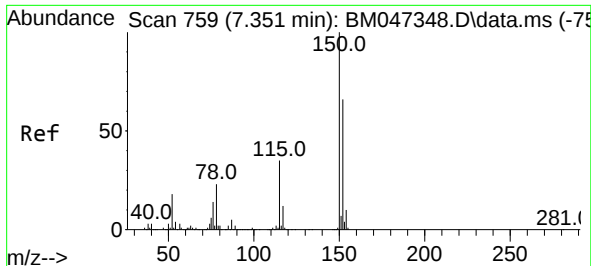


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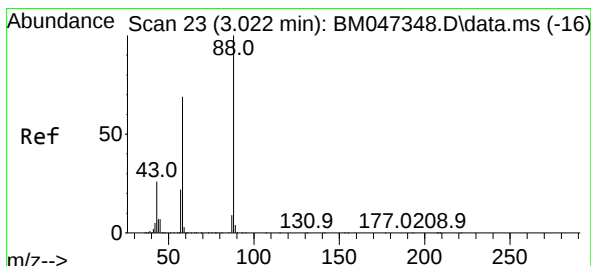
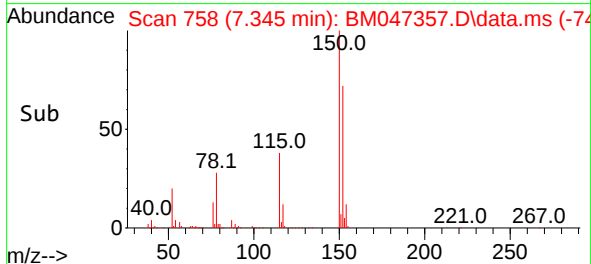
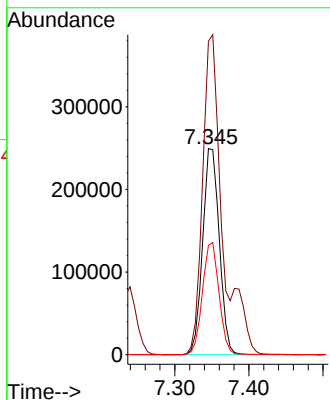
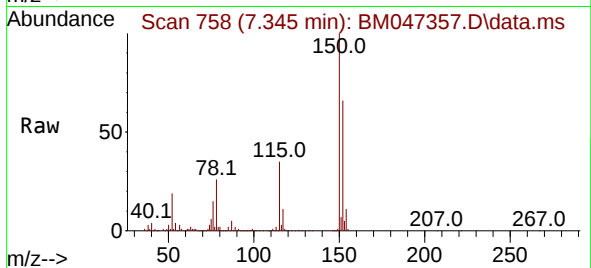




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.345 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BM047357.D
 Acq: 27 Aug 2024 10:34

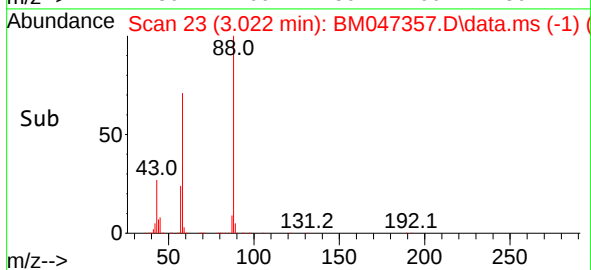
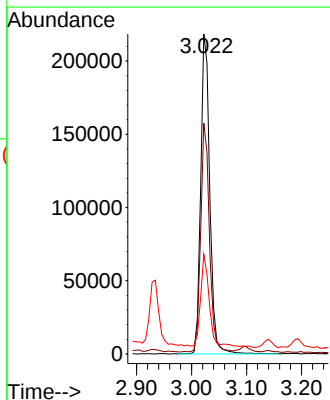
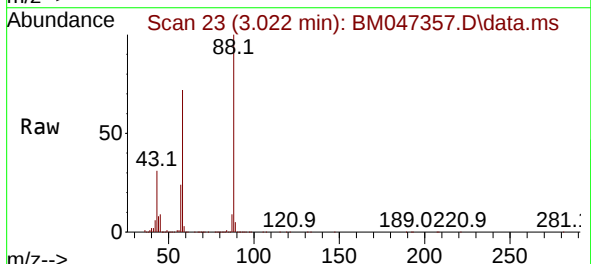
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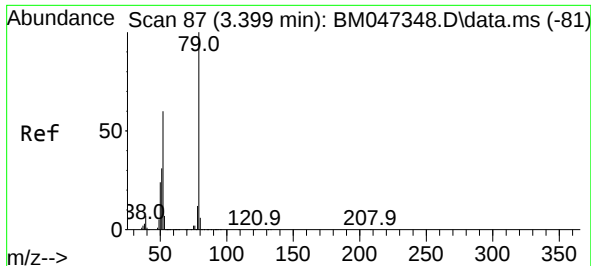
Tgt Ion:152 Resp: 389912
 Ion Ratio Lower Upper
 152 100
 150 152.1 121.3 181.9
 115 53.0 42.6 64.0



#2
 1,4-Dioxane
 Concen: 30.247 ng
 RT: 3.022 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BM047357.D
 Acq: 27 Aug 2024 10:34

Tgt Ion: 88 Resp: 251613
 Ion Ratio Lower Upper
 88 100
 58 68.4 55.4 83.0
 43 27.0 20.7 31.1

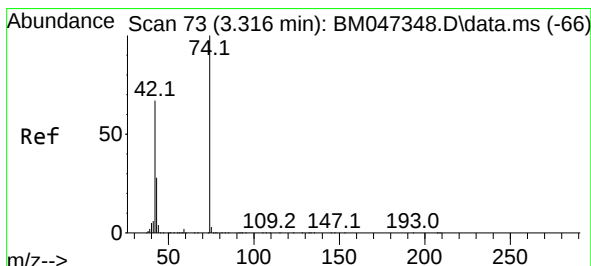
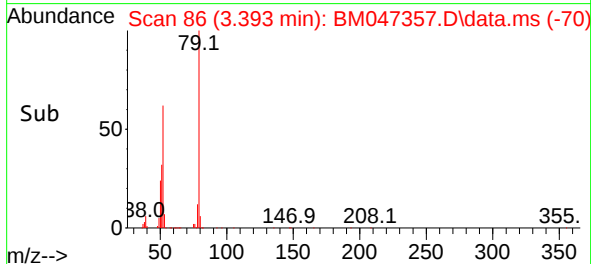
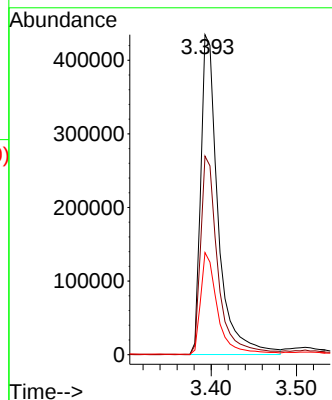
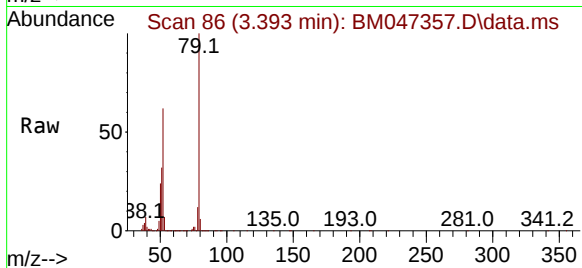




#3
 Pyridine
 Concen: 26.592 ng
 RT: 3.393 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM047357.D
 Acq: 27 Aug 2024 10:34

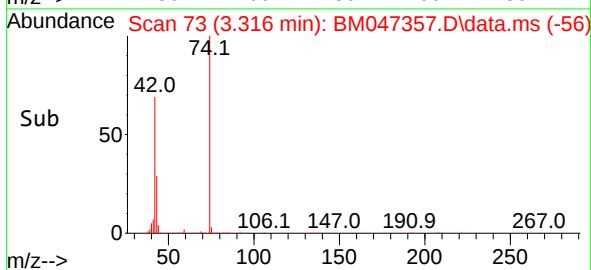
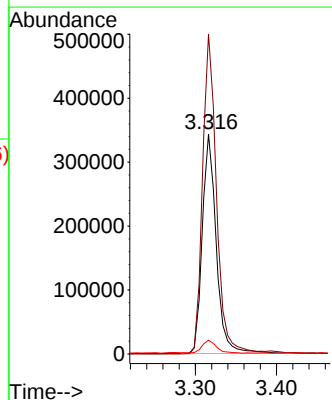
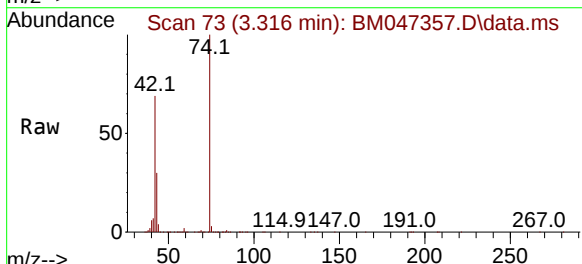
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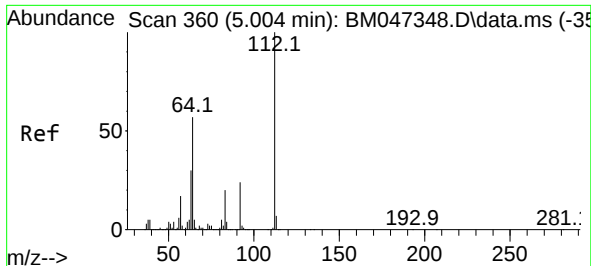
Tgt Ion: 79 Resp: 613948
 Ion Ratio Lower Upper
 79 100
 52 62.1 47.8 71.6
 51 31.9 25.0 37.4



#4
 n-Nitrosodimethylamine
 Concen: 43.652 ng
 RT: 3.316 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: BM047357.D
 Acq: 27 Aug 2024 10:34

Tgt Ion: 42 Resp: 410451
 Ion Ratio Lower Upper
 42 100
 74 145.5 119.2 178.8
 44 6.3 5.2 7.8

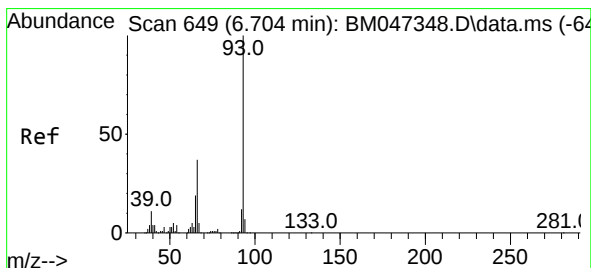
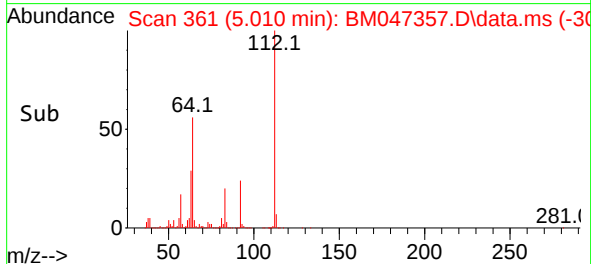
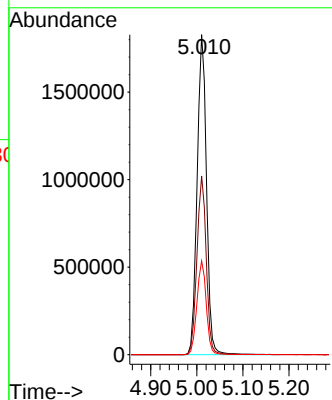
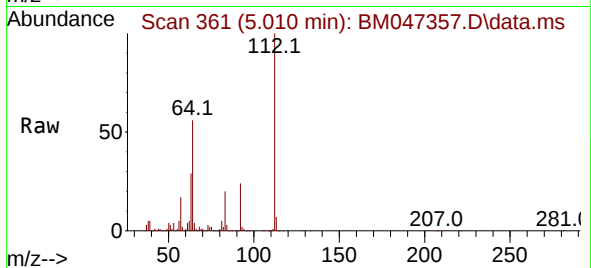




#5
2-Fluorophenol
Concen: 126.912 ng
RT: 5.010 min Scan# 360
Delta R.T. 0.006 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

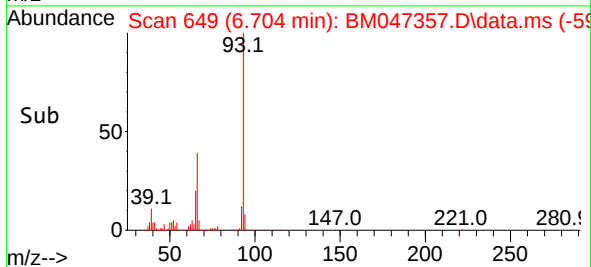
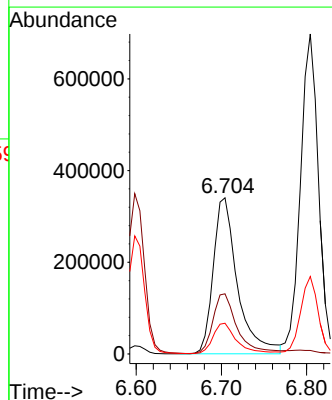
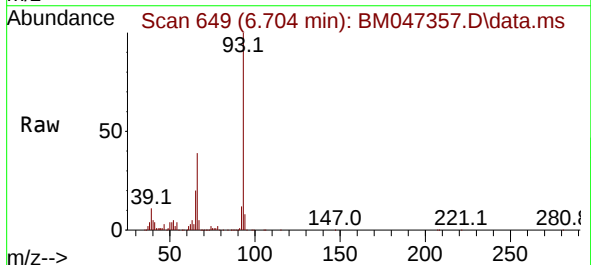
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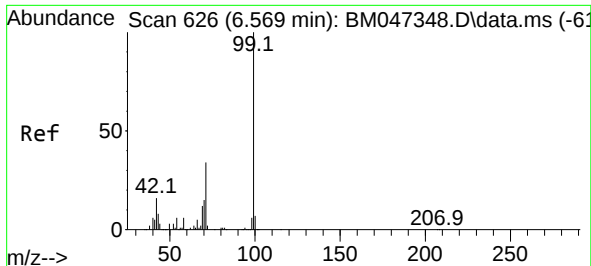
Tgt Ion:112 Resp: 2579248
Ion Ratio Lower Upper
112 100
64 55.8 45.7 68.5
63 29.3 23.8 35.8



#6
Aniline
Concen: 26.846 ng
RT: 6.704 min Scan# 649
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion: 93 Resp: 673160
Ion Ratio Lower Upper
93 100
66 38.6 30.0 45.0
65 19.7 15.5 23.3





#7

Phenol-d6

Concen: 121.782 ng

RT: 6.575 min Scan# 61

Delta R.T. 0.006 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Instrument :

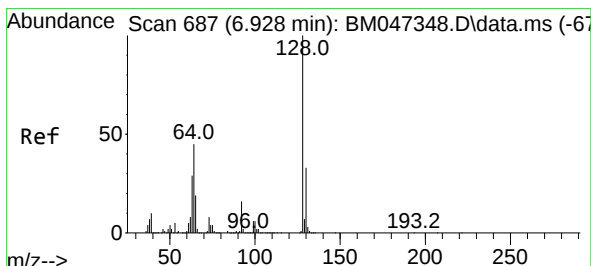
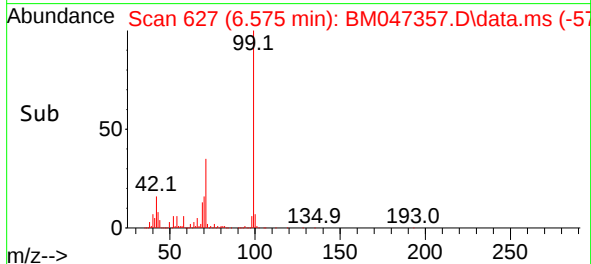
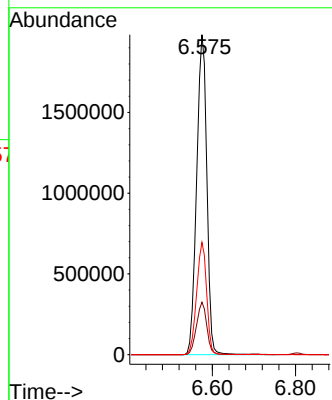
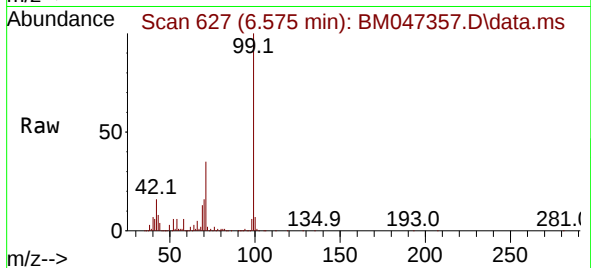
BNA_M

ClientSampleId :

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Tgt Ion: 99 Resp: 3371604

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.0	19.4
71	35.1	27.5	41.3



#8

2-Chlorophenol

Concen: 47.425 ng

RT: 6.928 min Scan# 687

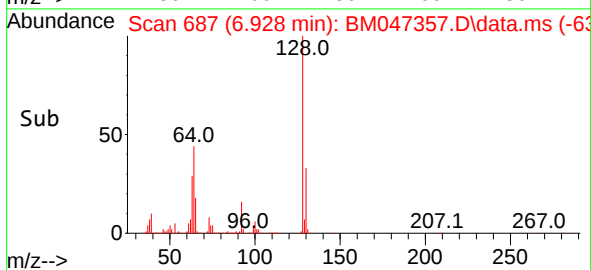
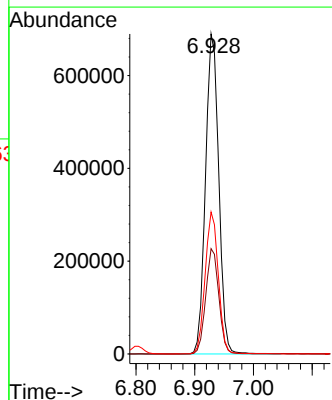
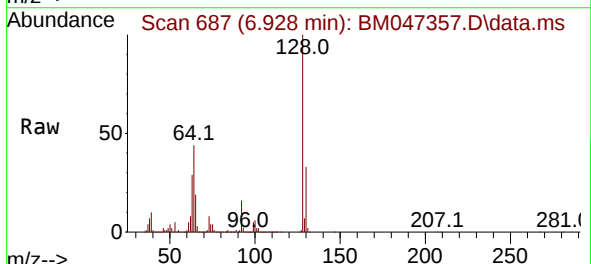
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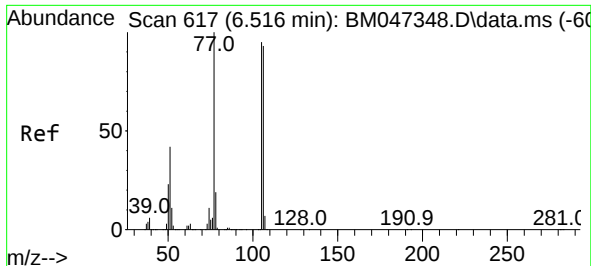
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Tgt Ion:128 Resp: 1078787

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	44.4	25.3	65.3

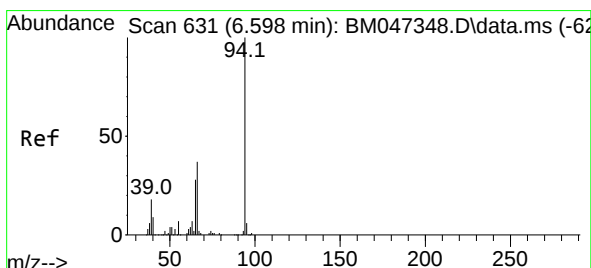
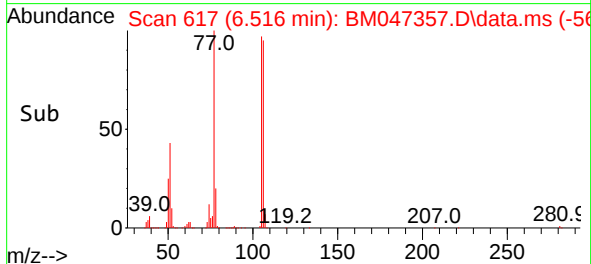
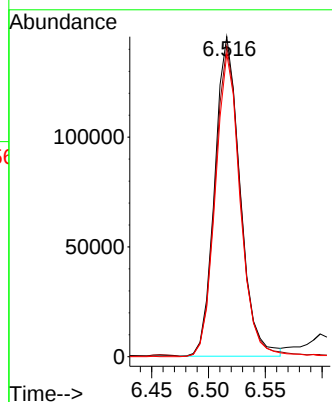
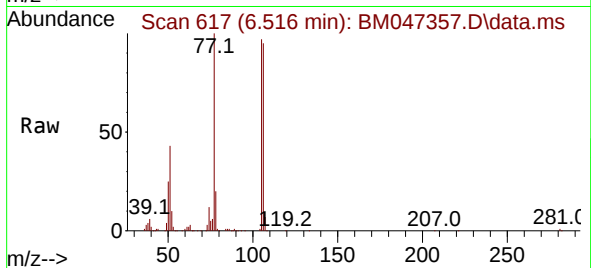




#9
Benzaldehyde
Concen: 12.265 ng
RT: 6.516 min Scan# 617
Delta R.T. 0.000 min
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Acq: 27 Aug 2024 10:34

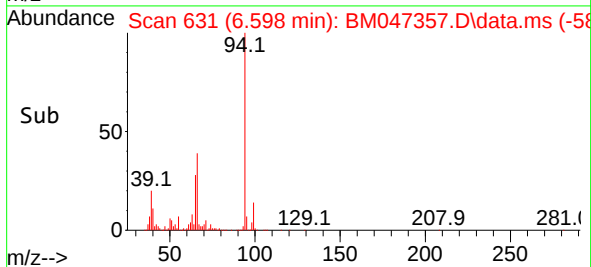
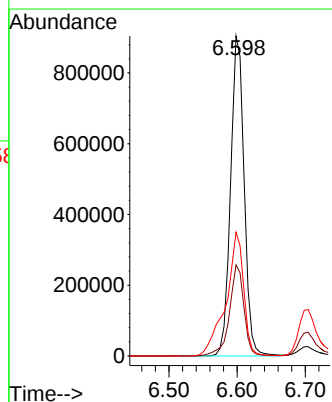
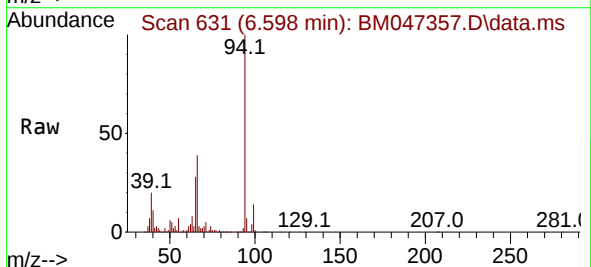
Instrument :
BNA_M
ClientSampleId :
PB162987BS

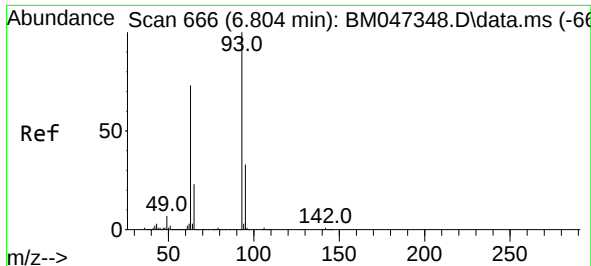
Tgt Ion: 77 Resp: 226469
Ion Ratio Lower Upper
77 100
105 97.1 74.9 114.9
106 94.6 72.6 112.6



#10
Phenol
Concen: 46.109 ng
RT: 6.598 min Scan# 631
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion: 94 Resp: 1255960
Ion Ratio Lower Upper
94 100
65 28.5 7.9 47.9
66 38.7 17.3 57.3



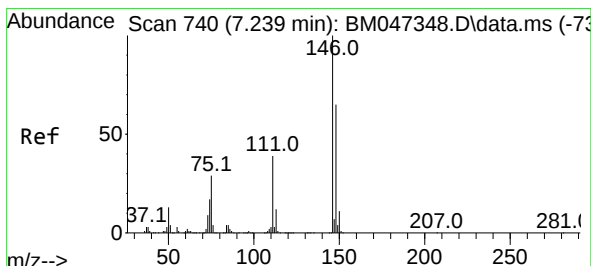
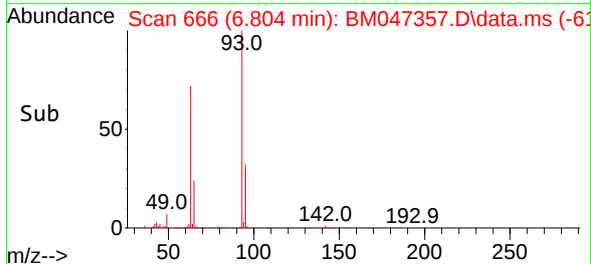
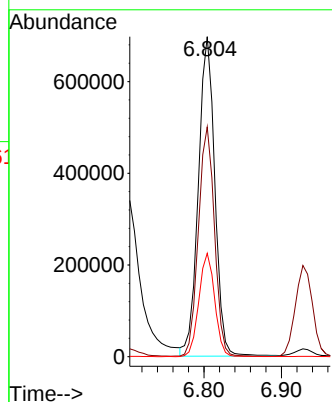
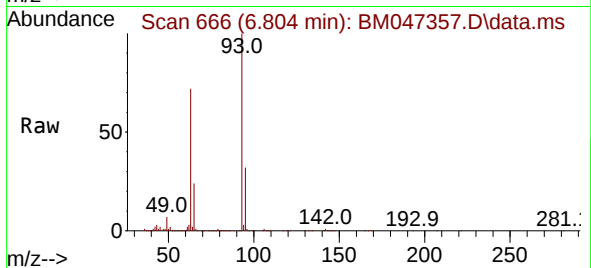


#11
bis(2-Chloroethyl)ether
Concen: 43.580 ng
RT: 6.804 min Scan# 666
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Instrument :
BNA_M
ClientSampleId :
PB162987BS

Tgt Ion: 93 Resp: 1028706

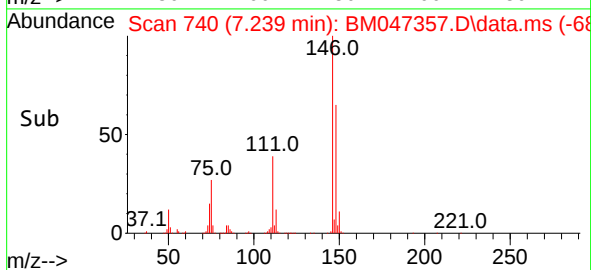
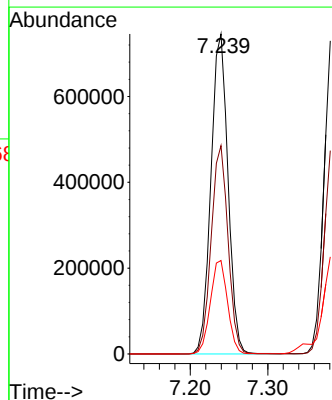
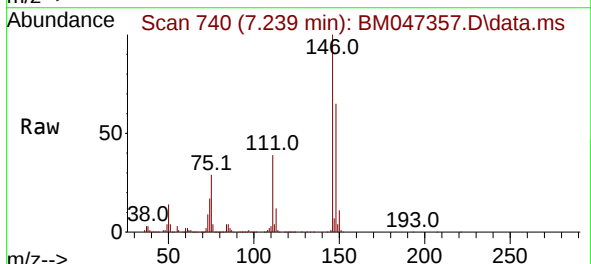
Ion	Ratio	Lower	Upper
93	100		
63	71.8	52.2	92.2
95	32.3	12.9	52.9

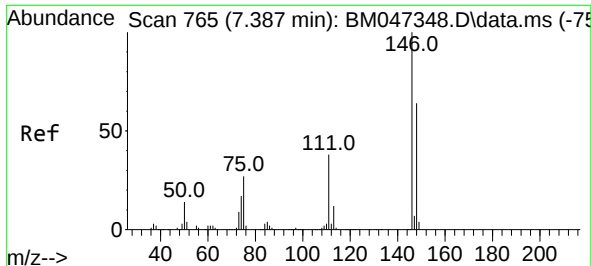


#12
1,3-Dichlorobenzene
Concen: 40.954 ng
RT: 7.239 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion: 146 Resp: 1139193

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.6	77.4
75	29.2	23.3	34.9

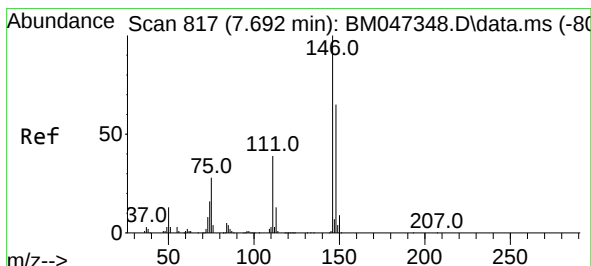
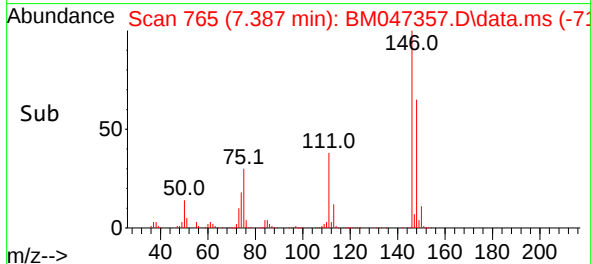
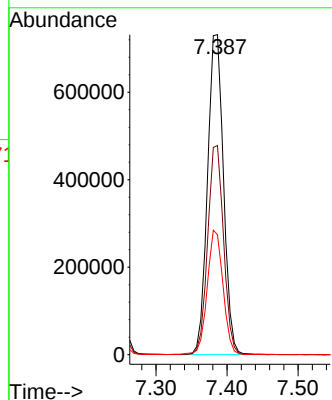
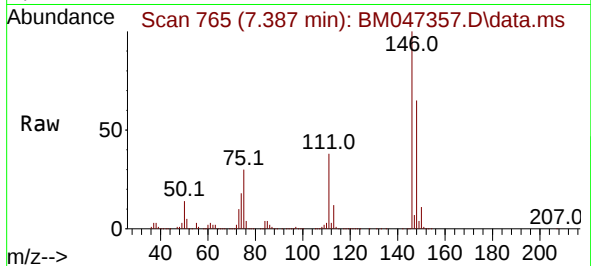




#13
1,4-Dichlorobenzene
Concen: 40.634 ng
RT: 7.387 min Scan# 765
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

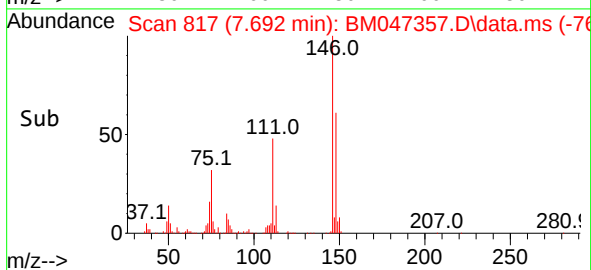
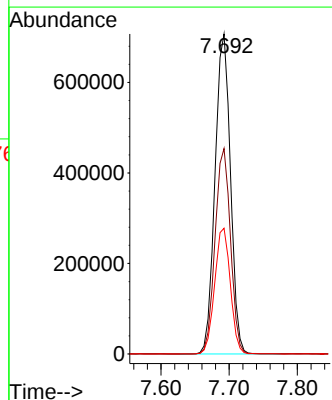
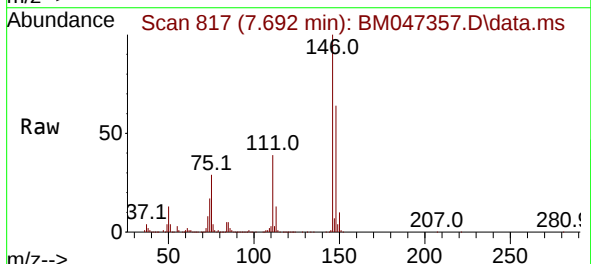
Instrument :
BNA_M
ClientSampleId :
PB162987BS

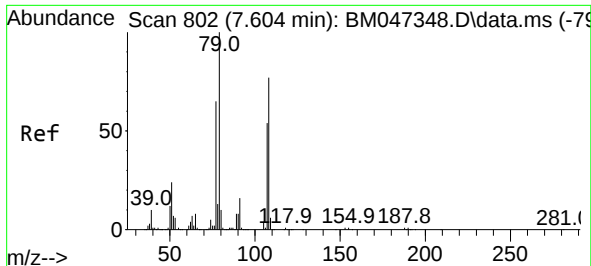
Tgt Ion:146 Resp: 1144693
Ion Ratio Lower Upper
146 100
148 65.3 51.0 76.6
111 37.5 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 41.735 ng
RT: 7.692 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:146 Resp: 1114181
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.6
111 39.3 31.7 47.5

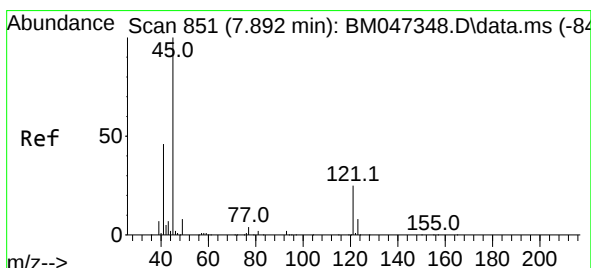
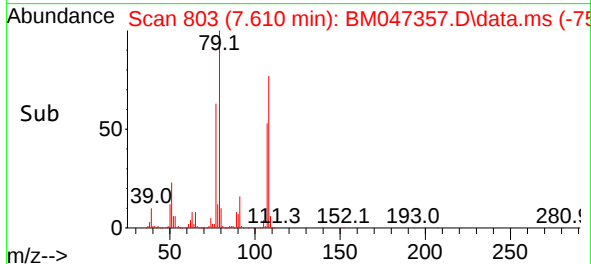
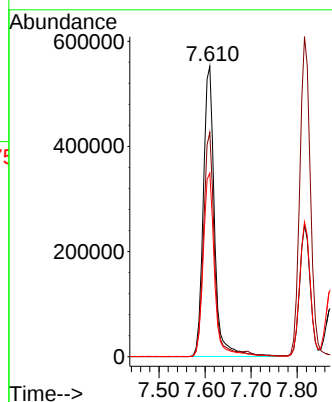
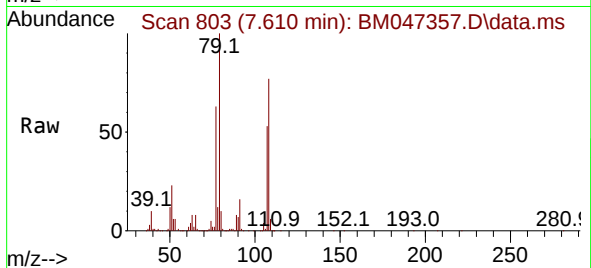




#15
Benzyl Alcohol
Concen: 49.059 ng
RT: 7.610 min Scan# 802
Delta R.T. 0.006 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

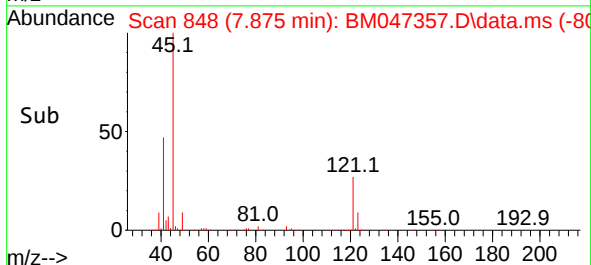
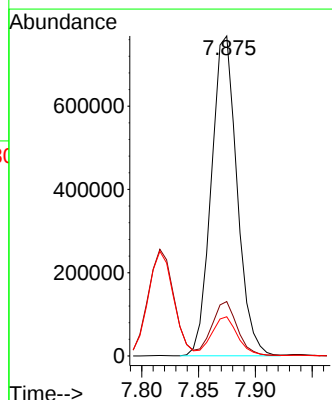
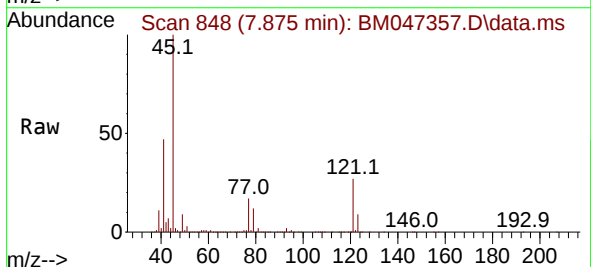
Instrument :
BNA_M
ClientSampleId :
PB162987BS

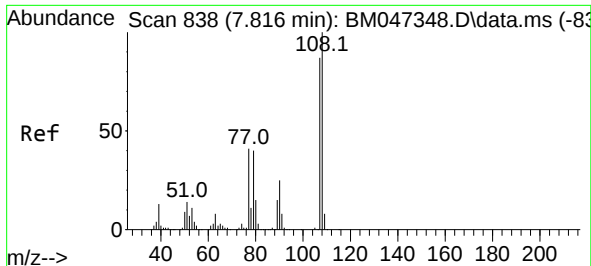
Tgt Ion: 79 Resp: 941638
Ion Ratio Lower Upper
79 100
108 77.2 61.1 91.7
77 63.2 51.9 77.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.729 ng
RT: 7.875 min Scan# 848
Delta R.T. -0.018 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion: 45 Resp: 1209383
Ion Ratio Lower Upper
45 100
77 17.0 0.0 36.7
79 12.3 0.0 33.0

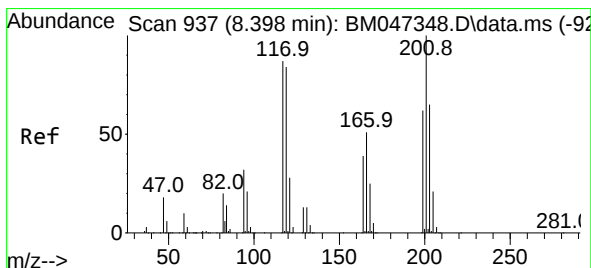
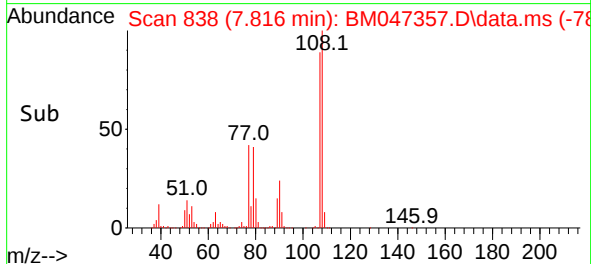
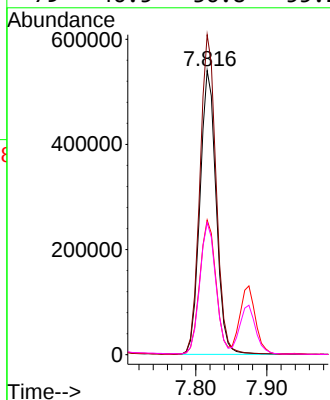
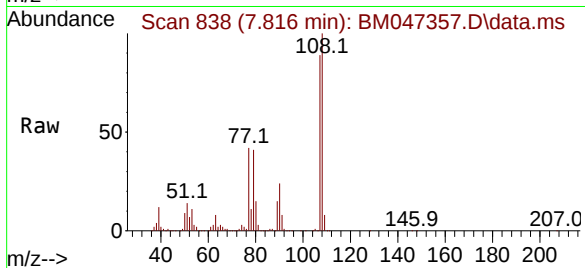




#17
2-Methylphenol
Concen: 45.172 ng
RT: 7.816 min Scan# 838
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

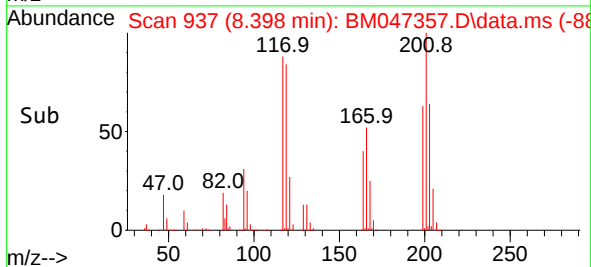
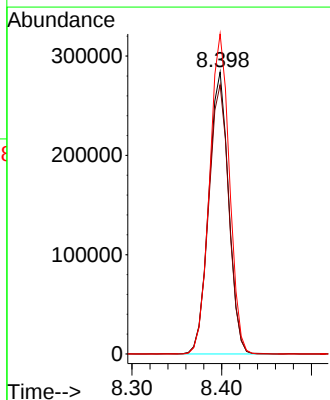
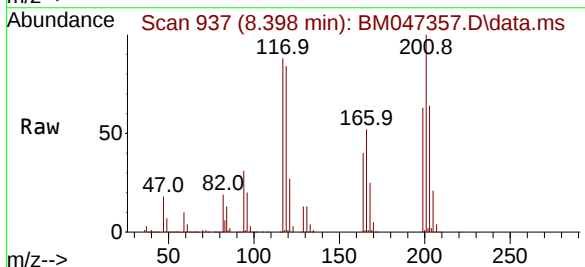
Instrument :
BNA_M
ClientSampleId :
PB162987BS

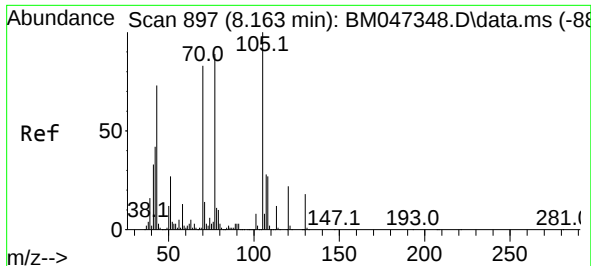
Tgt Ion:	107	Resp:	854872
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.6	137.4
77	47.4	38.0	57.0
79	46.5	36.8	55.2



#18
Hexachloroethane
Concen: 41.385 ng
RT: 8.398 min Scan# 937
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:	117	Resp:	435821
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.8	116.8
201	113.5	92.3	138.5



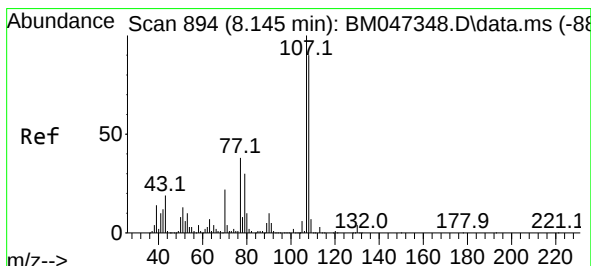
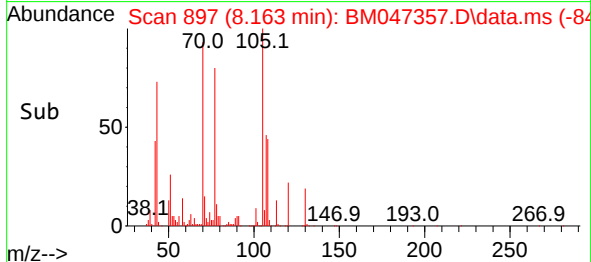
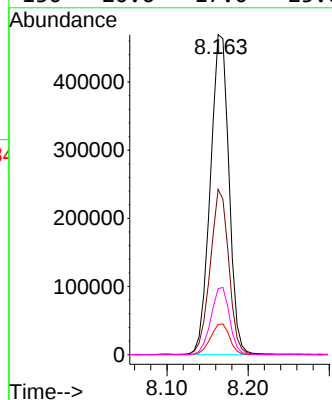
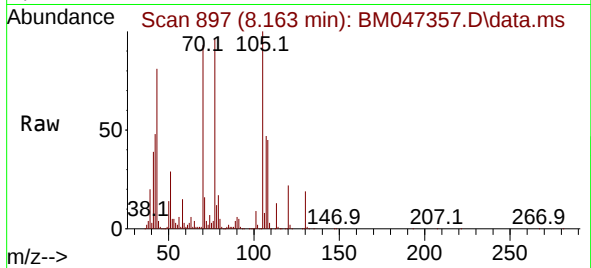


#19
n-Nitroso-di-n-propylamine
Concen: 39.278 ng
RT: 8.163 min Scan# 897
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Instrument :
BNA_M
ClientSampleId :
PB162987BS

Tgt Ion: 70 Resp: 747517

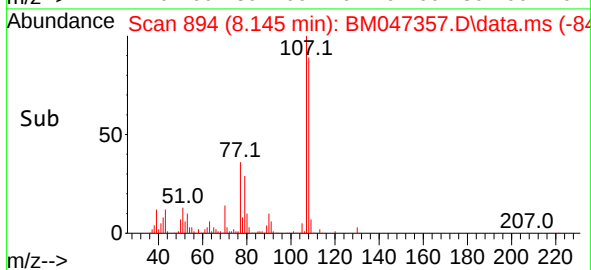
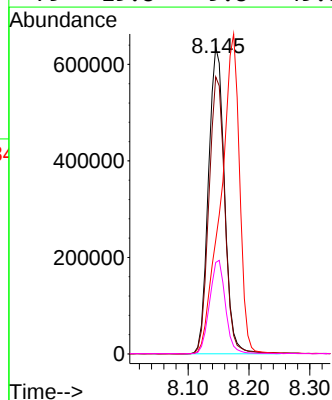
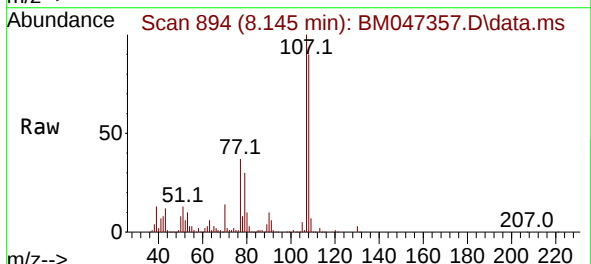
Ion	Ratio	Lower	Upper
70	100		
42	51.6	41.0	61.4
101	9.5	7.9	11.9
130	20.6	17.0	25.6

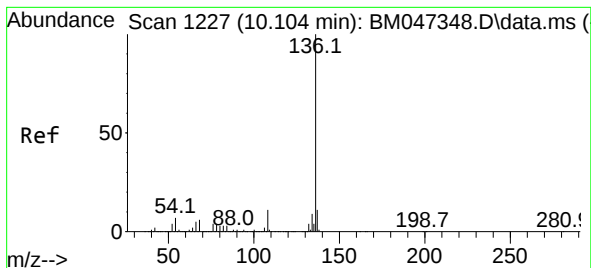


#20
3+4-Methylphenols
Concen: 44.219 ng
RT: 8.145 min Scan# 894
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion: 107 Resp: 1163513

Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.8	109.8
77	37.0	18.0	58.0
79	29.8	9.8	49.8

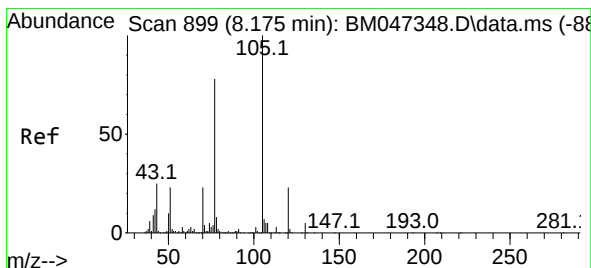
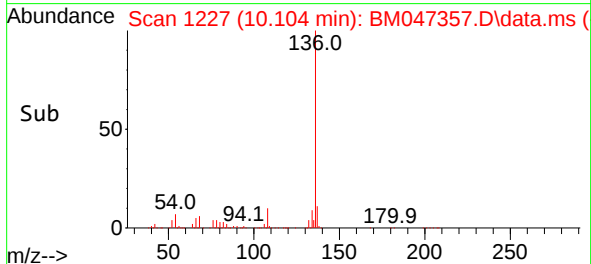
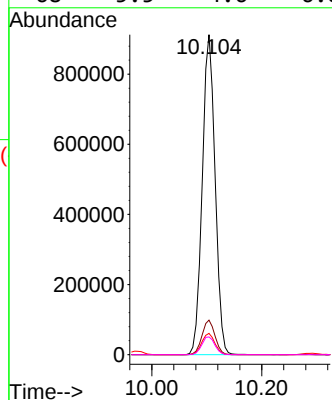
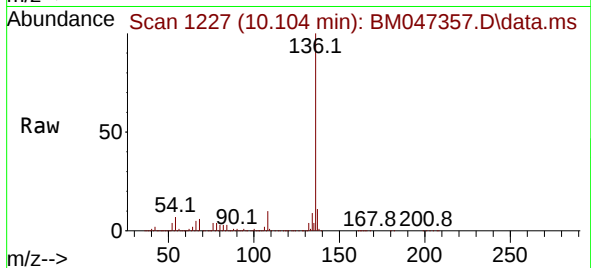




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

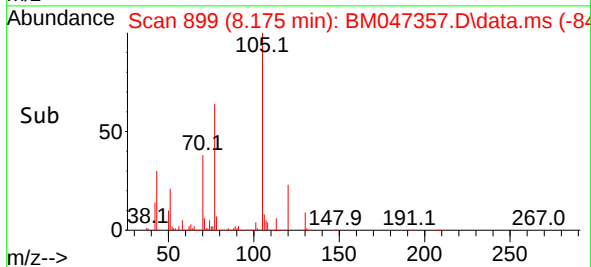
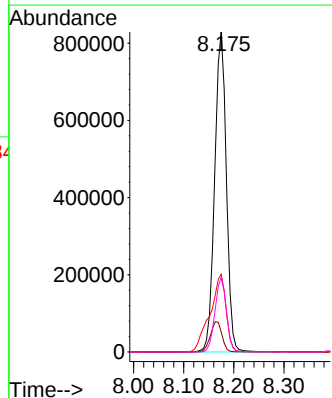
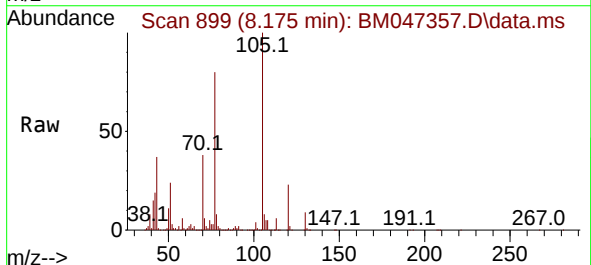
Instrument :
BNA_M
ClientSampleId :
PB162987BS

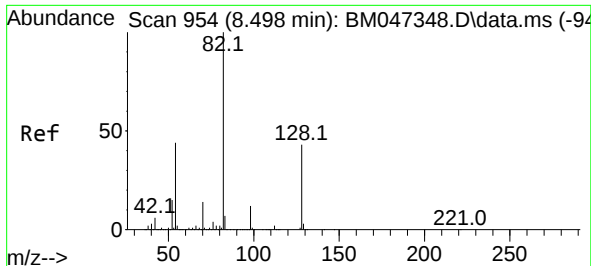
Tgt Ion:136 Resp: 1478054
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.2 7.8
68 5.5 4.6 6.8



#22
Acetophenone
Concen: 38.994 ng
RT: 8.175 min Scan# 899
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:105 Resp: 1337603
Ion Ratio Lower Upper
105 100
71 6.3 3.1 4.7#
51 24.2 18.7 28.1
120 23.2 18.4 27.6

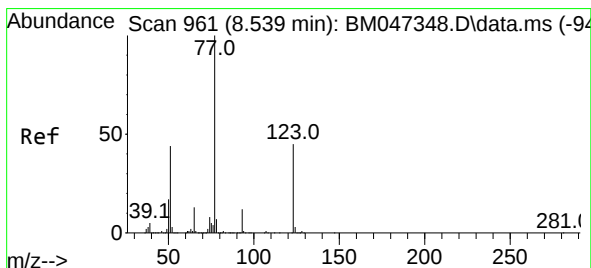
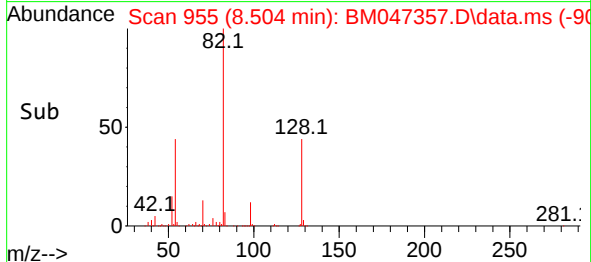
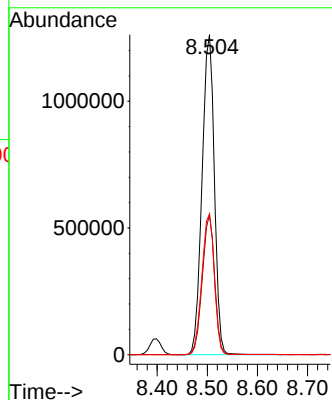
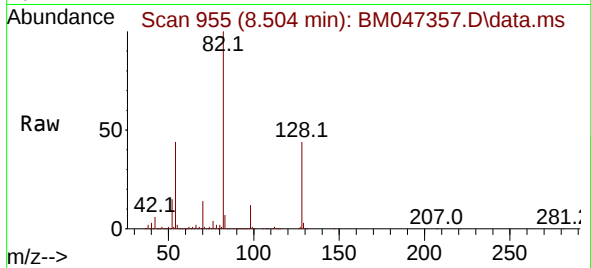




#23
Nitrobenzene-d5
Concen: 80.820 ng
RT: 8.504 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

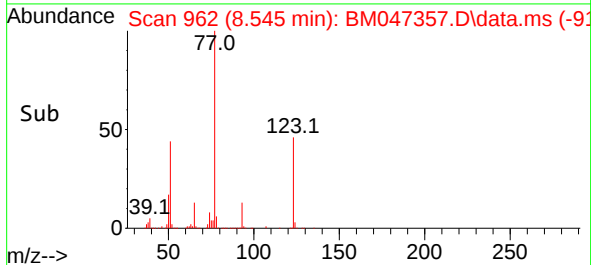
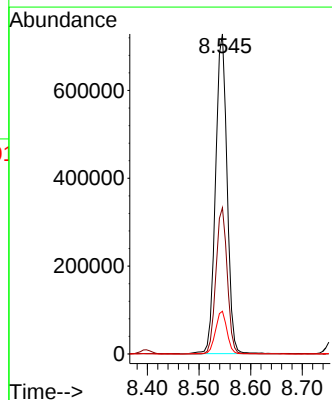
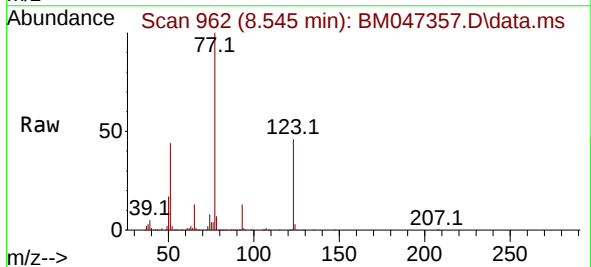
Instrument :
BNA_M
ClientSampleId :
PB162987BS

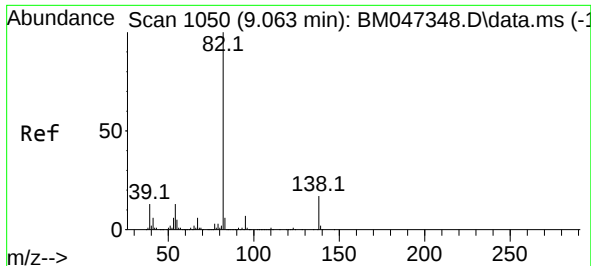
Tgt Ion: 82 Resp: 2152928
Ion Ratio Lower Upper
82 100
128 43.9 34.6 51.8
54 44.0 35.5 53.3



#24
Nitrobenzene
Concen: 41.116 ng
RT: 8.545 min Scan# 962
Delta R.T. 0.006 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion: 77 Resp: 1126456
Ion Ratio Lower Upper
77 100
123 45.7 35.6 53.4
65 13.3 10.5 15.7





#25

Isophorone

Concen: 42.500 ng

RT: 9.069 min Scan# 1051

Delta R.T. 0.006 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Instrument :

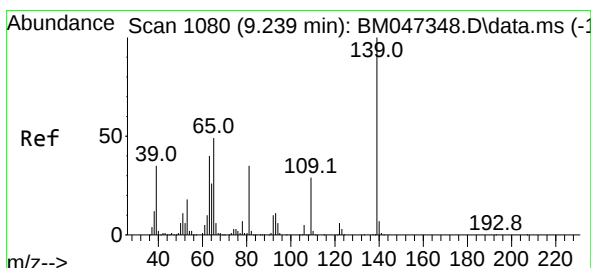
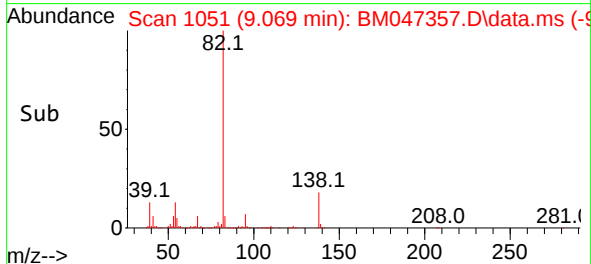
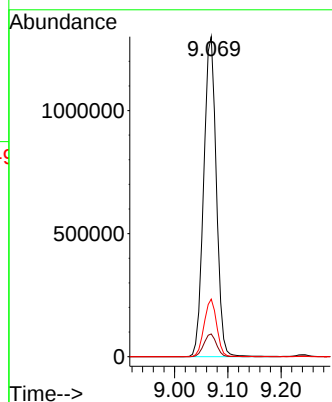
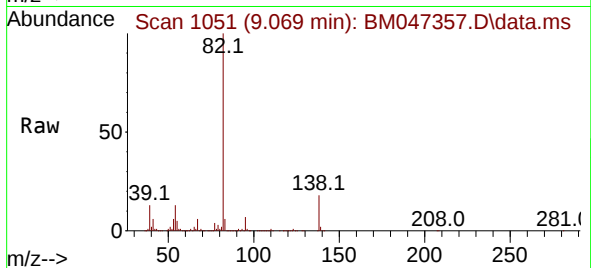
BNA_M

ClientSampleId :

PB162987BS

Tgt Ion: 82 Resp: 2139744

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	18.0	13.9	20.9



#26

2-Nitrophenol

Concen: 45.637 ng

RT: 9.239 min Scan# 1080

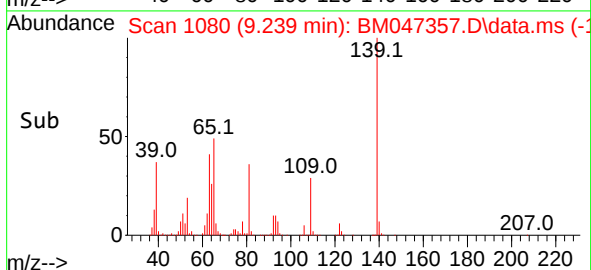
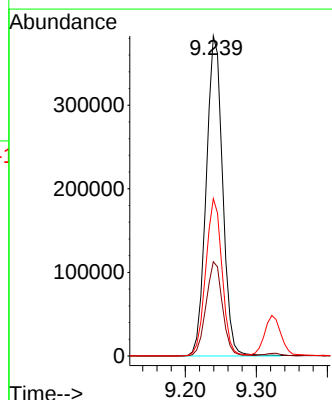
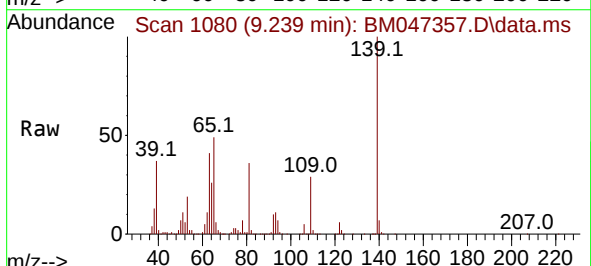
Delta R.T. -0.000 min

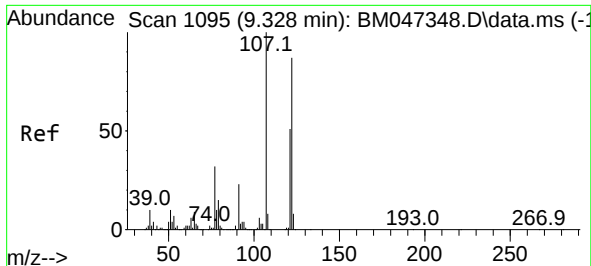
Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Tgt Ion:139 Resp: 615012

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.4	35.0
65	49.2	39.6	59.4

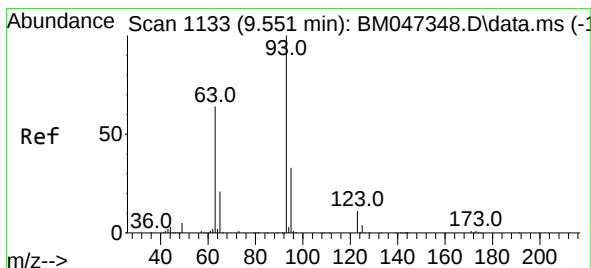
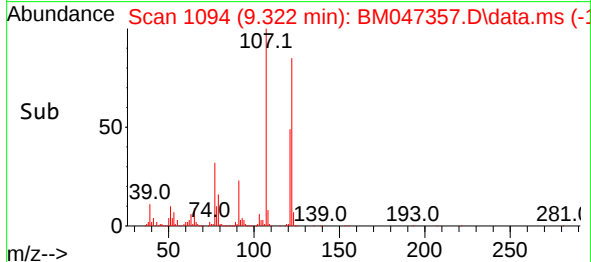
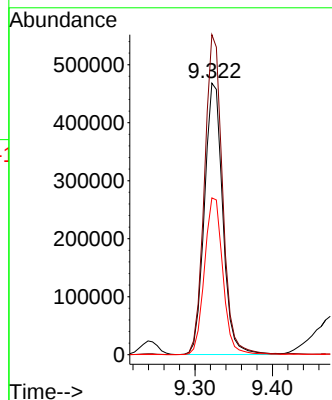
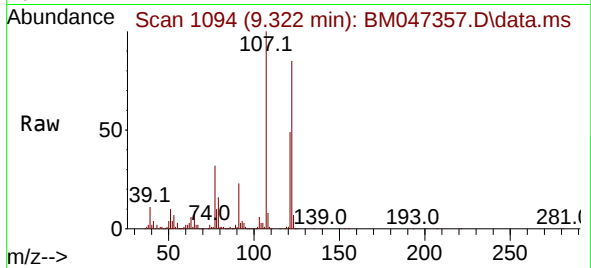




#27
2,4-Dimethylphenol
Concen: 50.551 ng
RT: 9.322 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

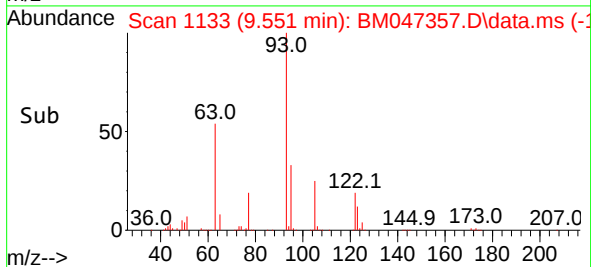
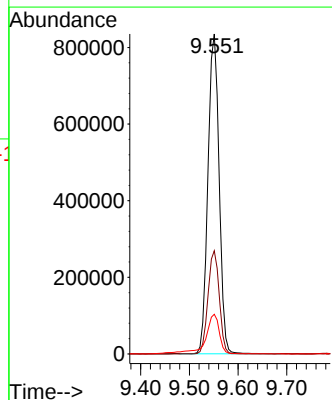
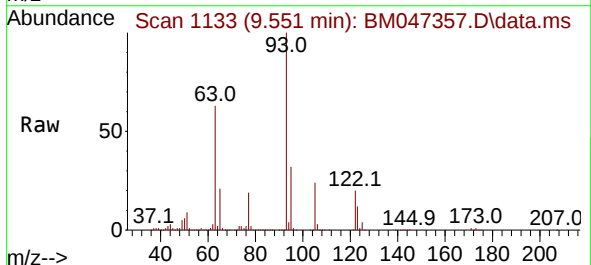
Instrument :
BNA_M
ClientSampleId :
PB162987BS

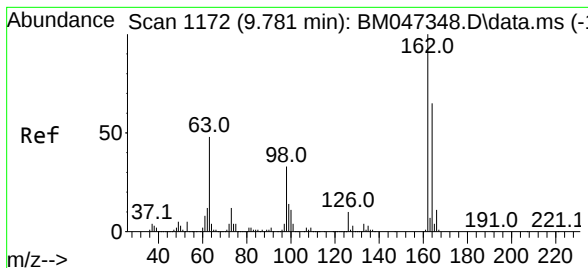
Tgt Ion:122 Resp: 768958
Ion Ratio Lower Upper
122 100
107 117.9 91.9 137.9
121 57.8 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.904 ng
RT: 9.551 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion: 93 Resp: 1322766
Ion Ratio Lower Upper
93 100
95 32.3 26.6 39.8
123 12.4 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 47.687 ng

RT: 9.781 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Instrument :

BNA_M

ClientSampleId :

PB162987BS

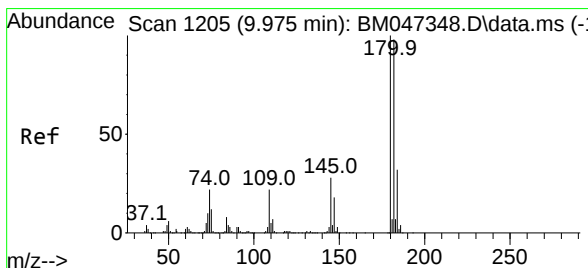
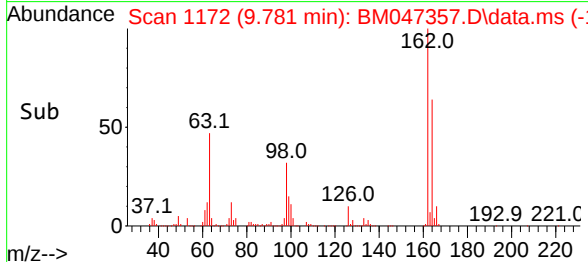
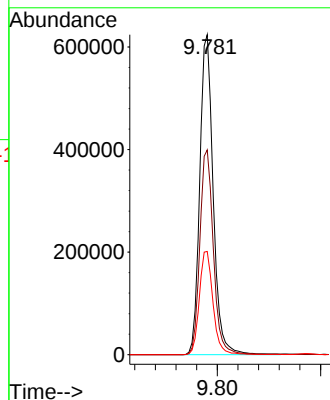
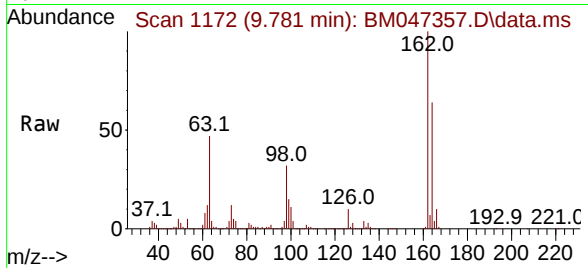
Tgt Ion:162 Resp: 1125257

Ion Ratio Lower Upper

162 100

164 64.0 44.6 84.6

98 32.2 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 42.259 ng

RT: 9.975 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

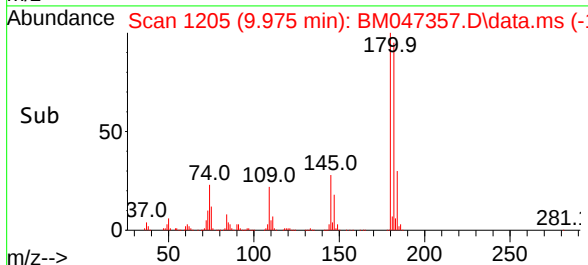
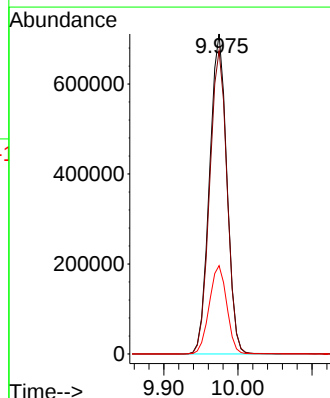
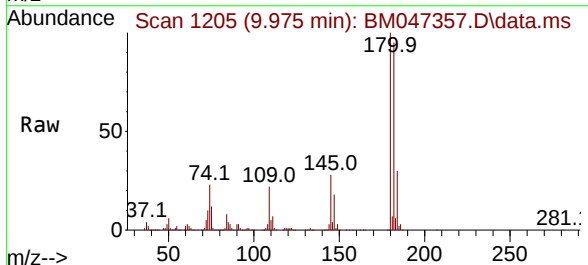
Tgt Ion:180 Resp: 1151768

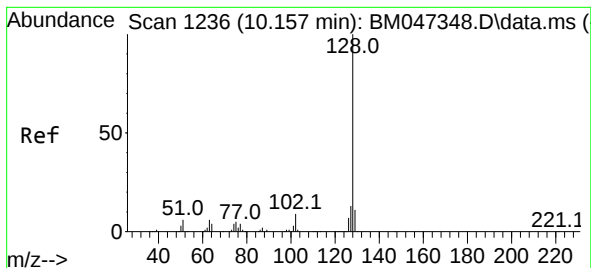
Ion Ratio Lower Upper

180 100

182 94.8 78.2 117.2

145 27.6 22.3 33.5

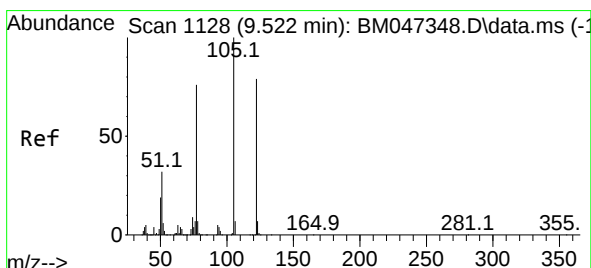
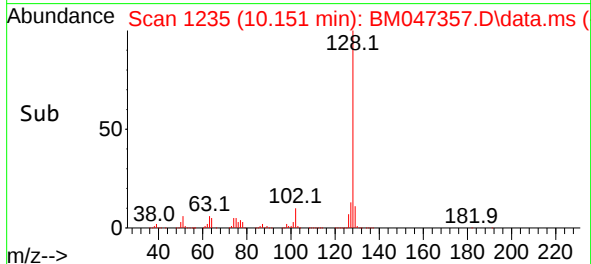
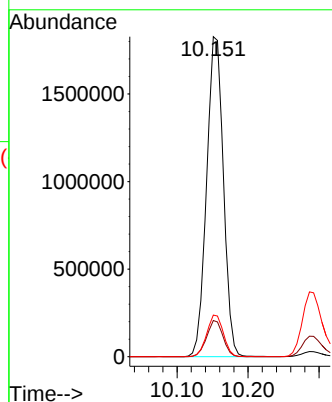
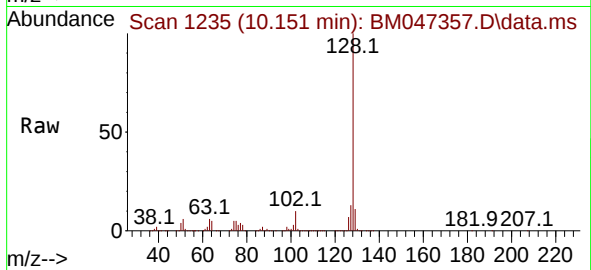




#31
Naphthalene
Concen: 41.655 ng
RT: 10.151 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

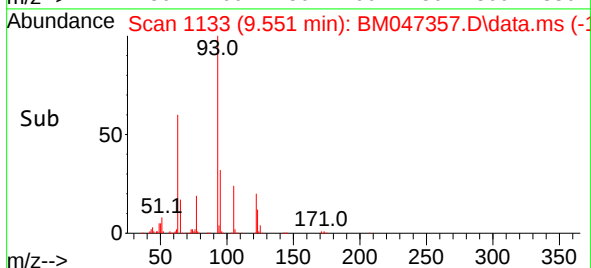
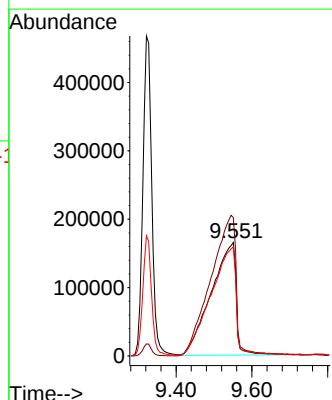
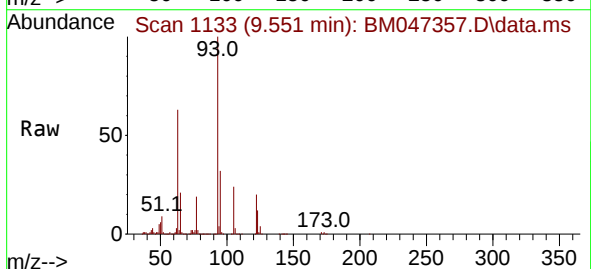
Instrument :
BNA_M
ClientSampleId :
PB162987BS

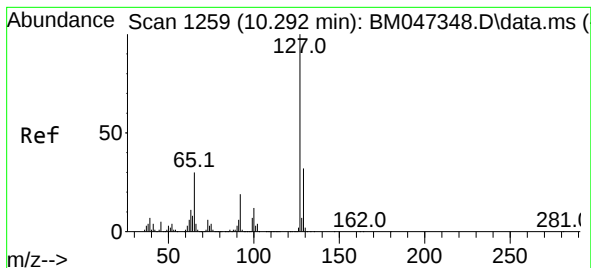
Tgt Ion:128 Resp: 3007149
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 41.568 ng
RT: 9.551 min Scan# 1133
Delta R.T. 0.029 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:122 Resp: 755044
Ion Ratio Lower Upper
122 100
105 121.9 106.0 146.0
77 96.2 76.3 116.3



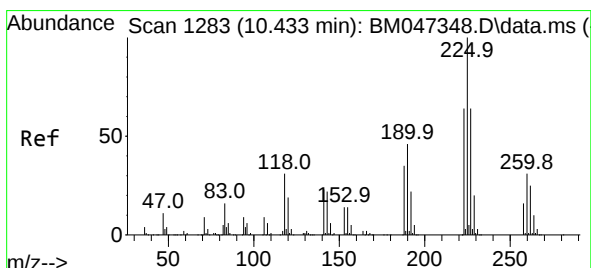
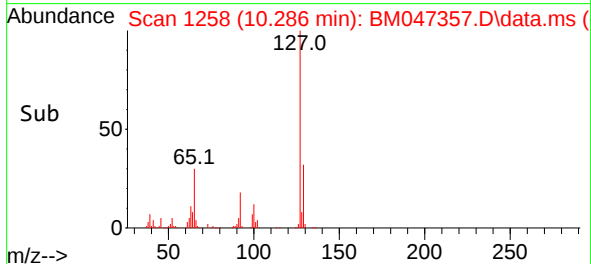
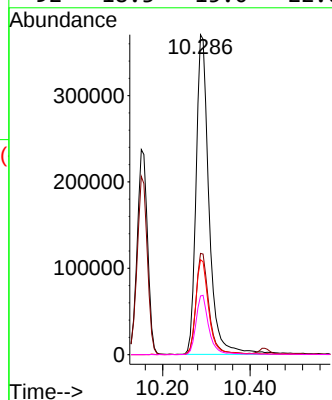
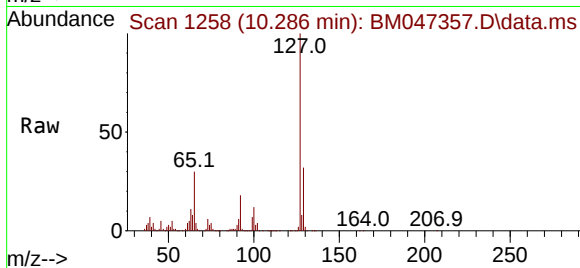


#33
4-Chloroaniline
Concen: 28.533 ng
RT: 10.286 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Instrument :
BNA_M
ClientSampleId :
PB162987BS

Tgt Ion:127 Resp: 765888

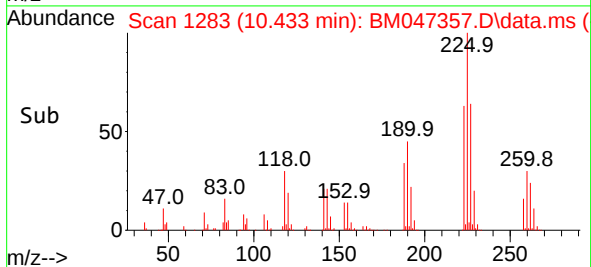
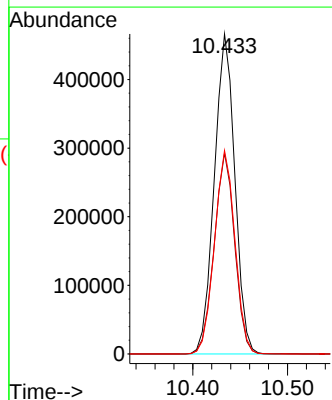
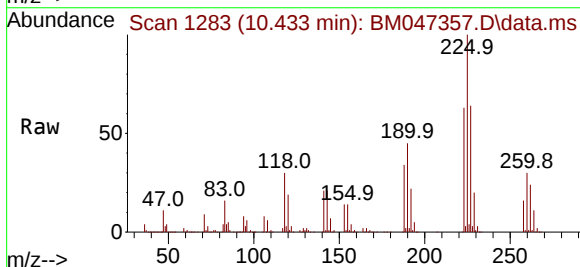
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.8
65	29.7	24.2	36.2
92	18.3	15.0	22.6

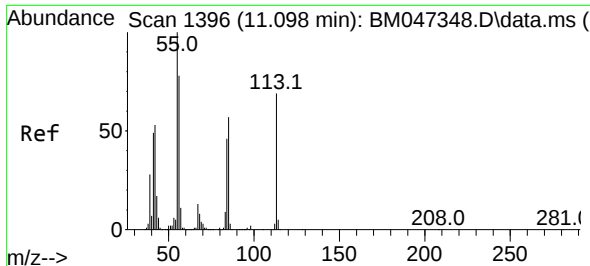


#34
Hexachlorobutadiene
Concen: 41.305 ng
RT: 10.433 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:225 Resp: 703075

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.1	76.7
227	63.6	51.0	76.6

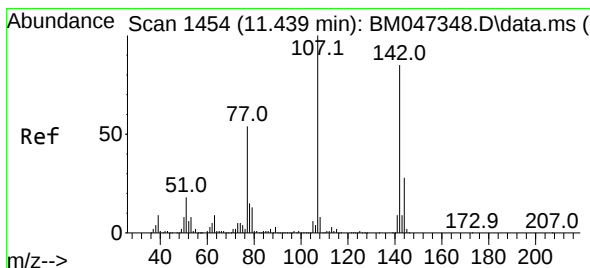
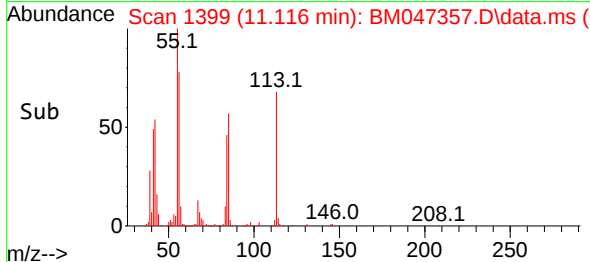
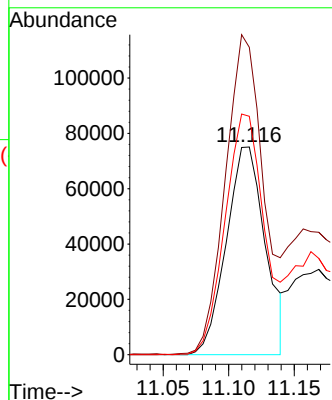
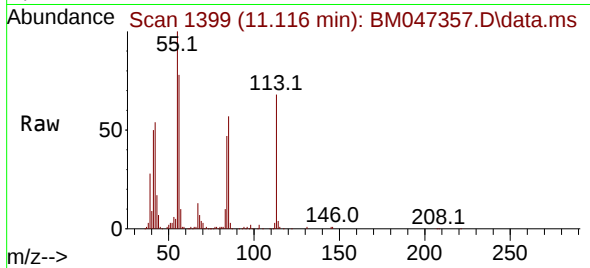




#35
Caprolactam
Concen: 20.289 ng
RT: 11.116 min Scan# 1399
Delta R.T. 0.018 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

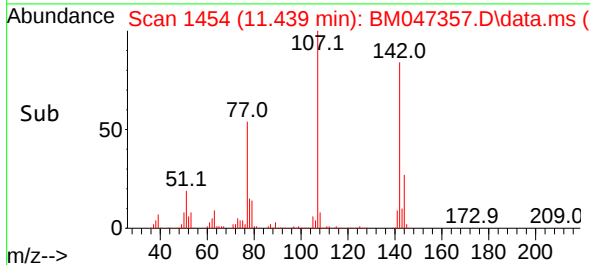
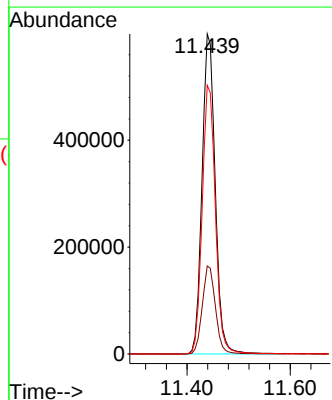
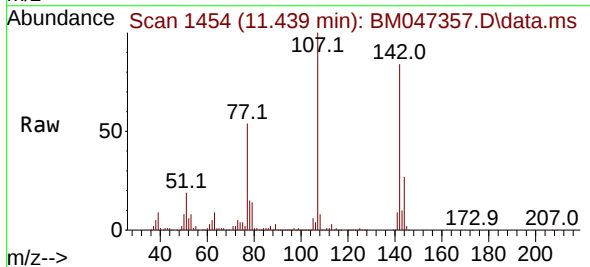
Instrument :
BNA_M
ClientSampleId :
PB162987BS

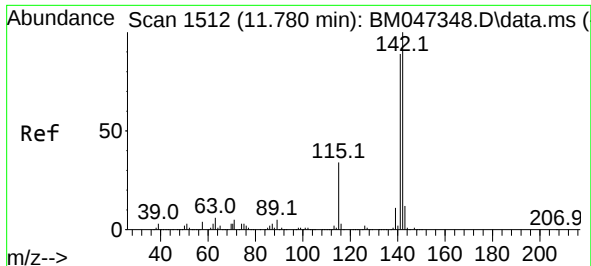
Tgt Ion:113 Resp: 155086
Ion Ratio Lower Upper
113 100
55 148.0 126.2 166.2
56 114.7 93.2 133.2



#36
4-Chloro-3-methylphenol
Concen: 44.188 ng
RT: 11.439 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:107 Resp: 1058848
Ion Ratio Lower Upper
107 100
144 27.5 22.2 33.4
142 84.0 67.7 101.5

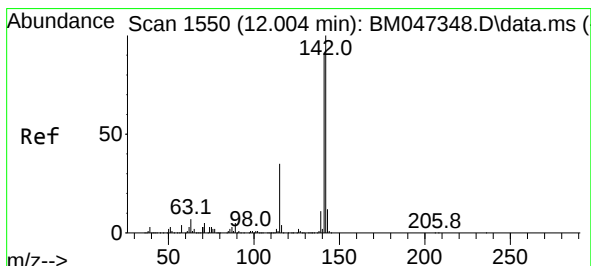
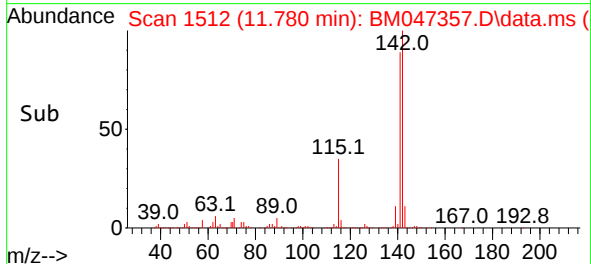
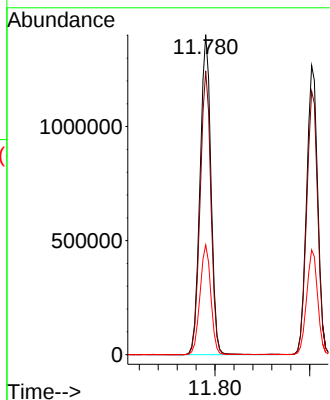
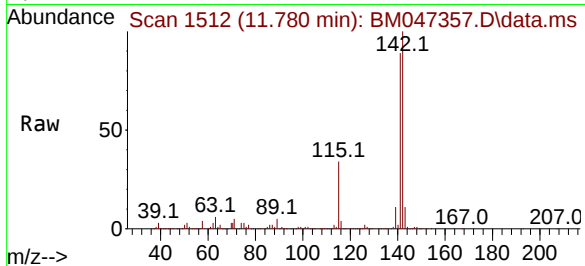




#37
2-Methylnaphthalene
Concen: 42.297 ng
RT: 11.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

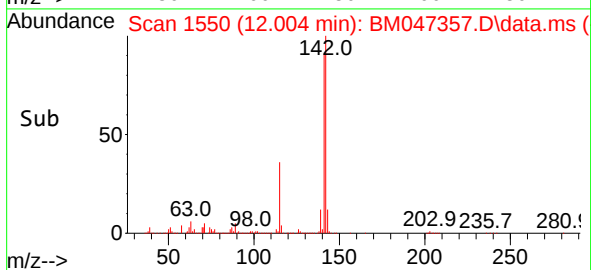
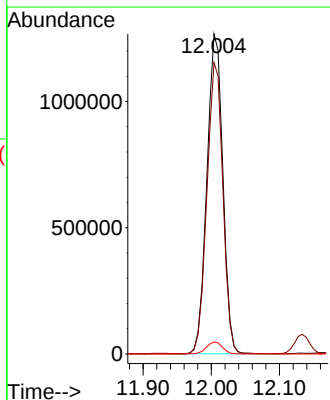
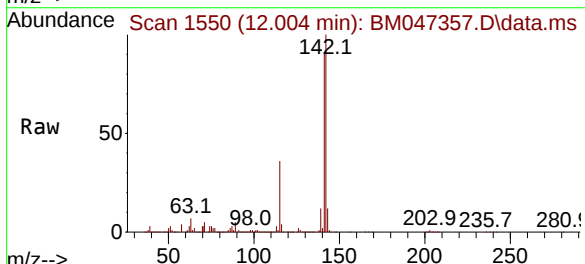
Instrument :
BNA_M
ClientSampleId :
PB162987BS

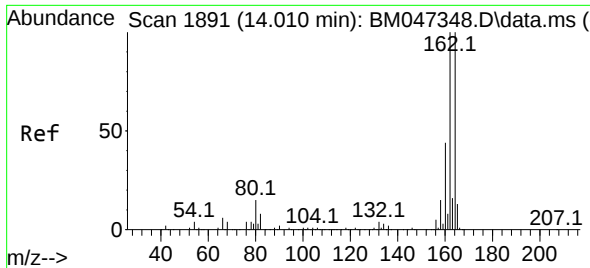
Tgt Ion:142 Resp: 2226373
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2
115 34.3 27.5 41.3



#38
1-Methylnaphthalene
Concen: 39.581 ng
RT: 12.004 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:142 Resp: 2060513
Ion Ratio Lower Upper
142 100
141 91.1 72.9 109.3
116 3.8 3.0 4.6

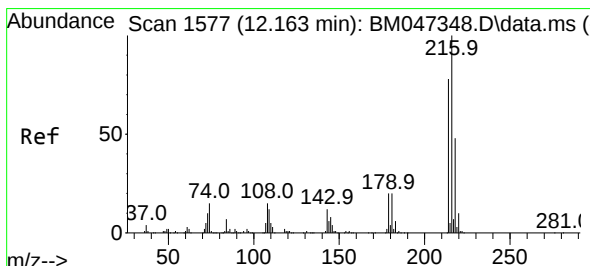
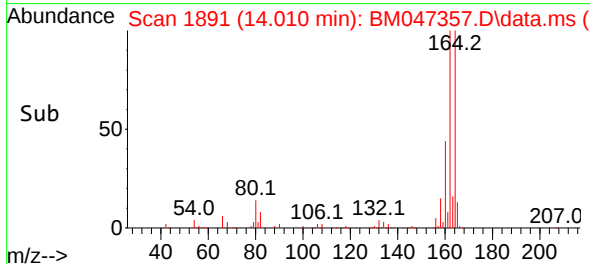
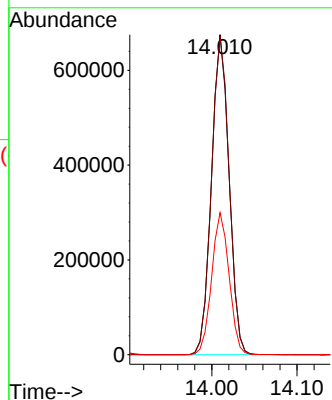
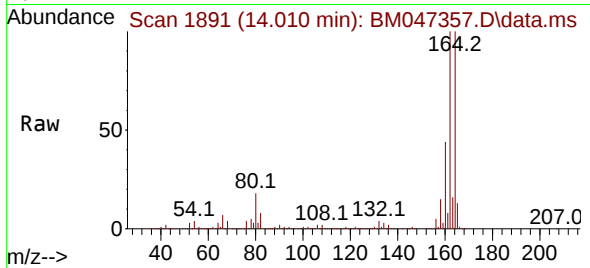




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

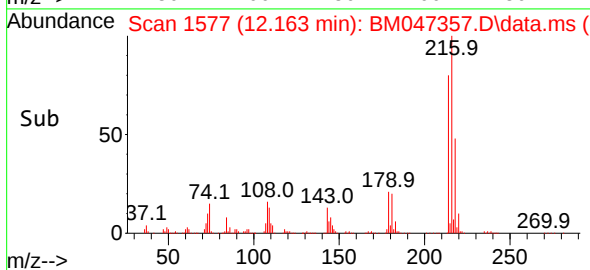
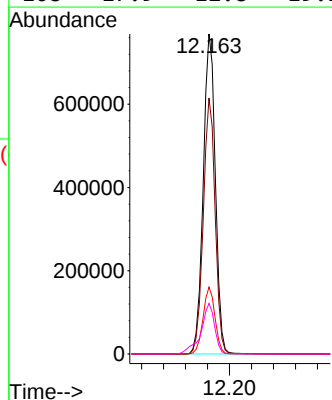
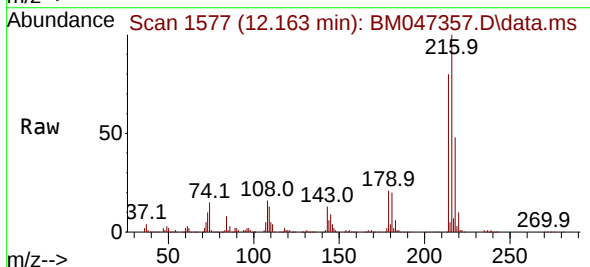
Instrument :
BNA_M
ClientSampleId :
PB162987BS

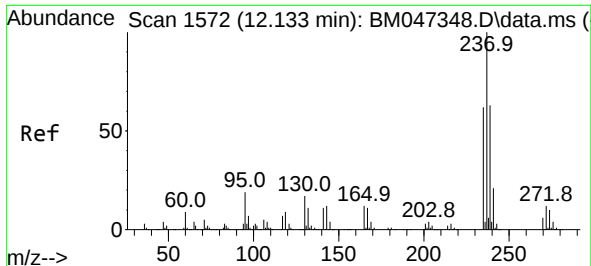
Tgt Ion:164 Resp: 965973
Ion Ratio Lower Upper
164 100
162 99.6 79.7 119.5
160 44.4 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.010 ng
RT: 12.163 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:216 Resp: 1173059
Ion Ratio Lower Upper
216 100
214 78.5 62.6 94.0
179 20.6 16.6 24.8
108 17.9 12.8 19.2

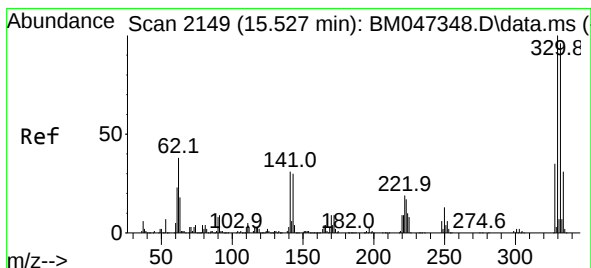
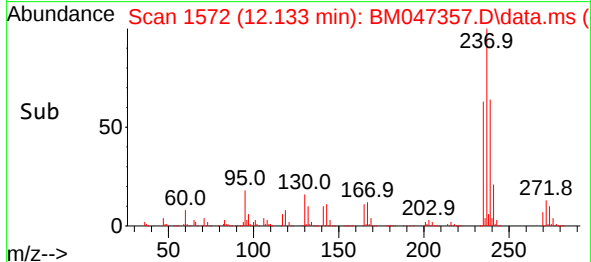
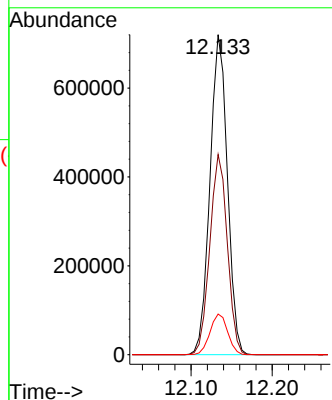
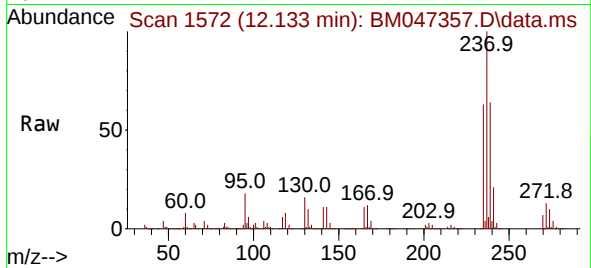




#41
Hexachlorocyclopentadiene
Concen: 118.671 ng
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

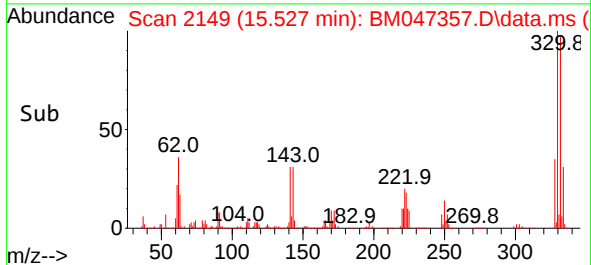
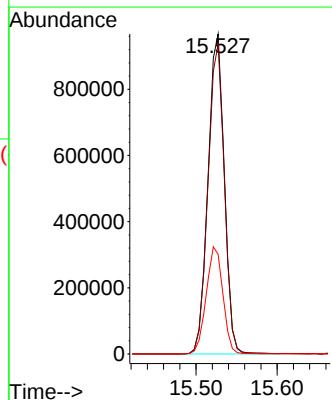
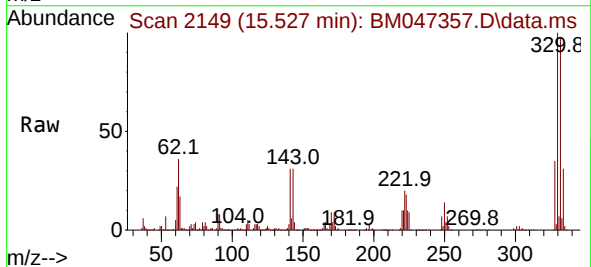
Instrument :
BNA_M
ClientSampleId :
PB162987BS

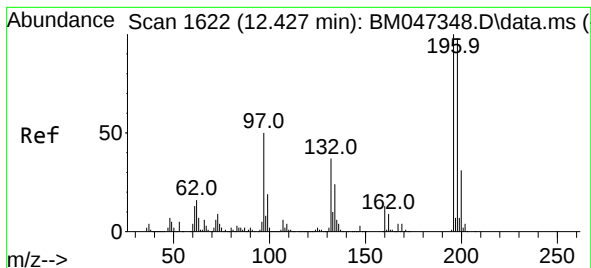
Tgt Ion:237 Resp: 1071318
Ion Ratio Lower Upper
237 100
235 62.5 42.1 82.1
272 12.7 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 115.835 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:330 Resp: 1349979
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 34.3 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 46.780 ng

RT: 12.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Instrument :

BNA_M

ClientSampleId :

PB162987BS

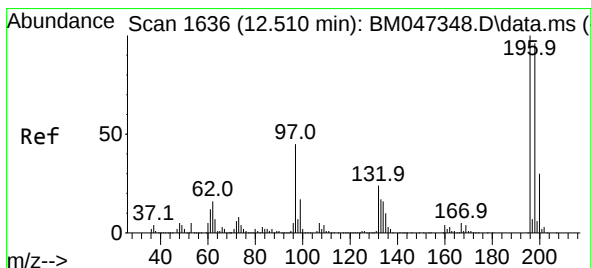
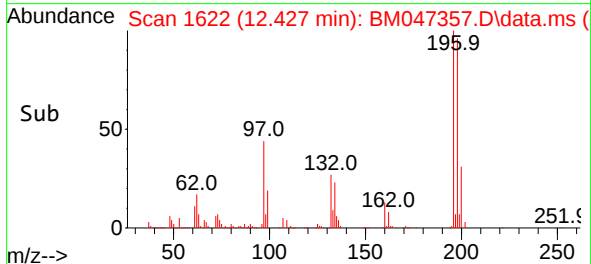
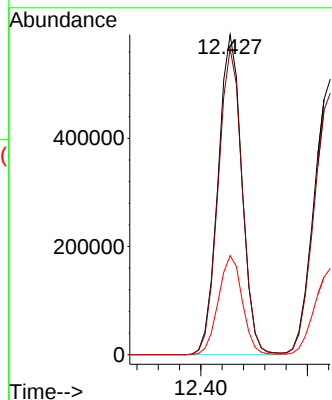
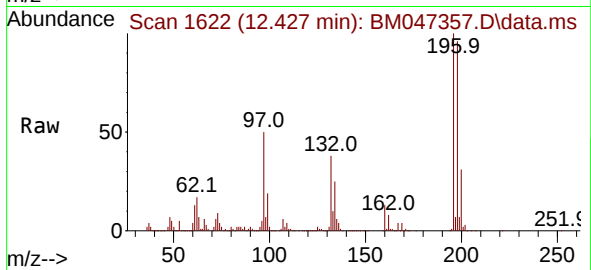
Tgt Ion:196 Resp: 917298

Ion Ratio Lower Upper

196 100

198 95.6 78.2 117.2

200 31.0 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 42.074 ng

RT: 12.521 min Scan# 1638

Delta R.T. 0.012 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Tgt Ion:196 Resp: 916246

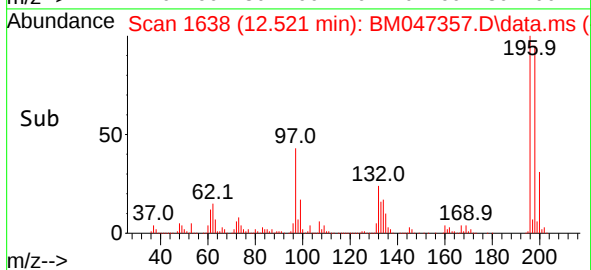
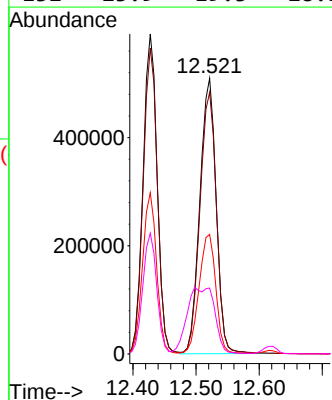
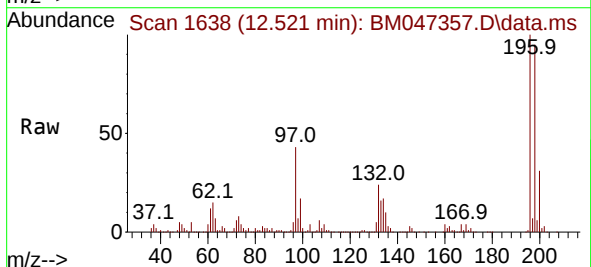
Ion Ratio Lower Upper

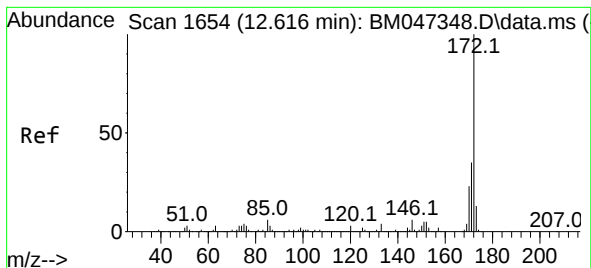
196 100

198 94.9 76.6 115.0

97 43.4 35.9 53.9

132 23.9 19.3 28.9





#45

2-Fluorobiphenyl

Concen: 79.849 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Instrument :

BNA_M

ClientSampleId :

PB162987BS

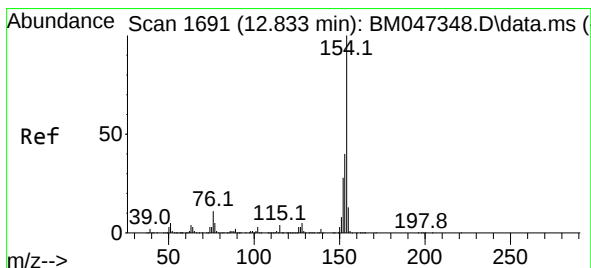
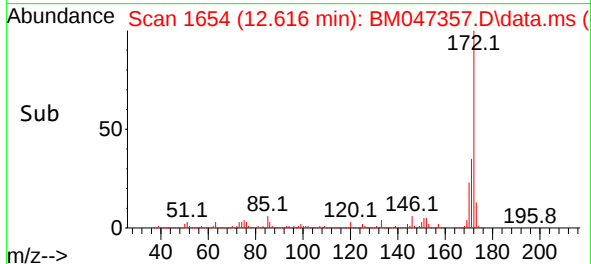
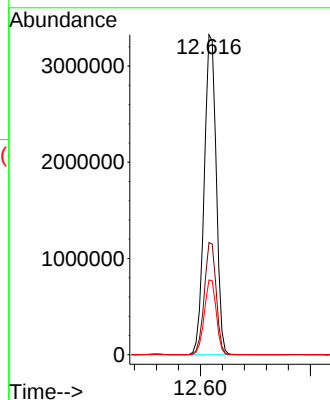
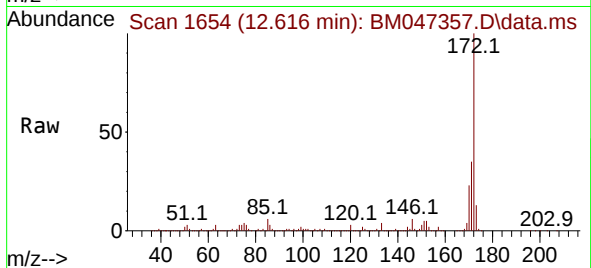
Tgt Ion:172 Resp: 5019952

Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.6

170 23.3 18.5 27.7



#46

1,1'-Biphenyl

Concen: 39.647 ng

RT: 12.833 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

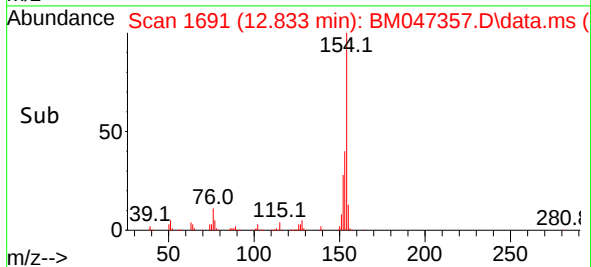
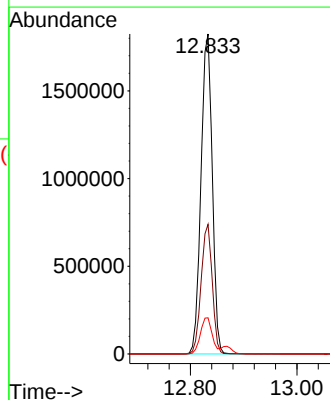
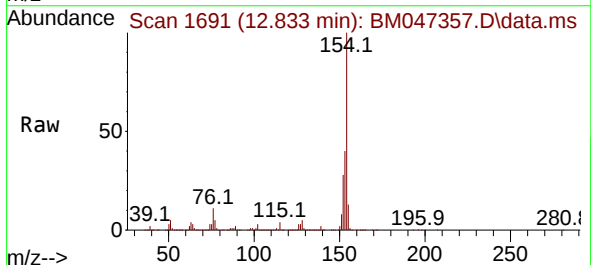
Tgt Ion:154 Resp: 2674156

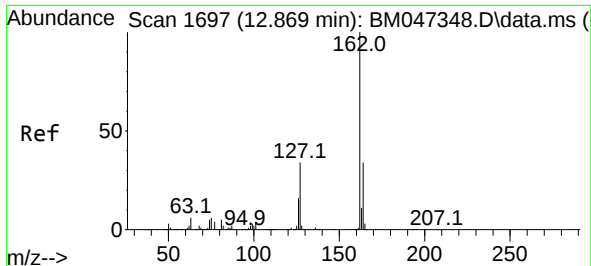
Ion Ratio Lower Upper

154 100

153 40.5 20.1 60.1

76 11.3 0.0 31.2

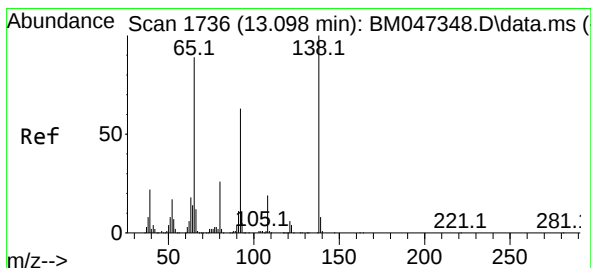
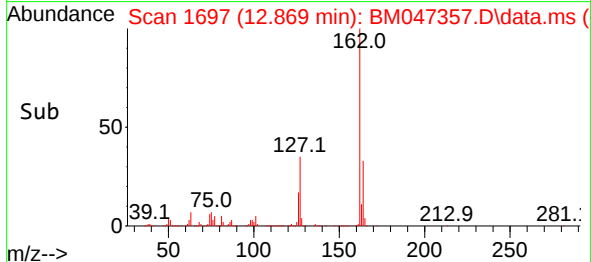
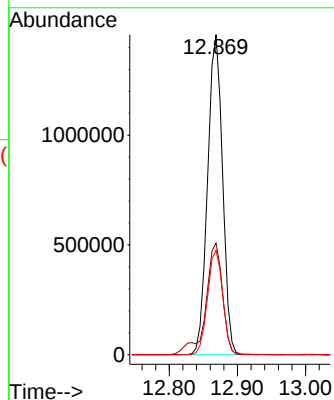
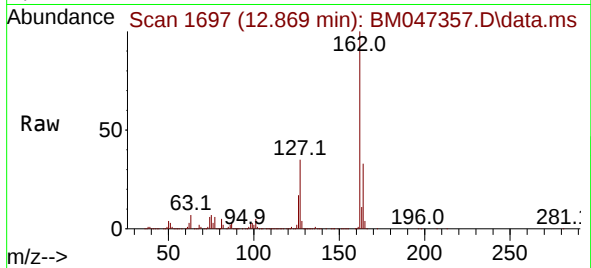




#47
2-Chloronaphthalene
Concen: 42.117 ng
RT: 12.869 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

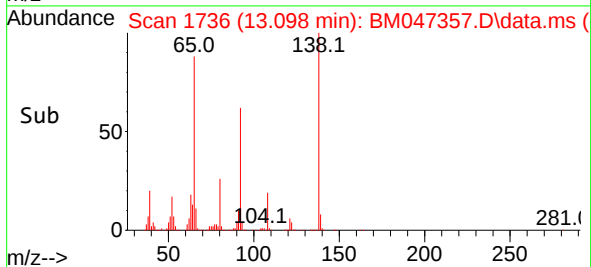
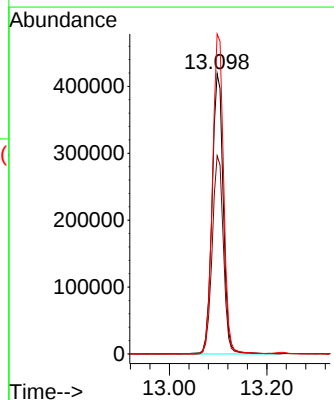
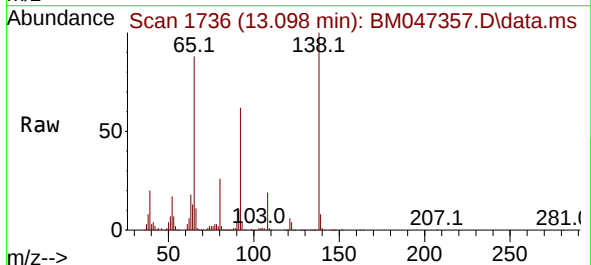
Instrument :
BNA_M
ClientSampleId :
PB162987BS

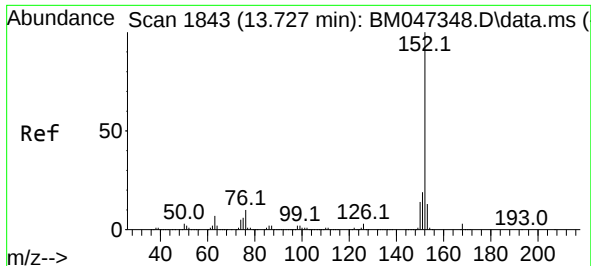
Tgt Ion:162 Resp: 2226181
Ion Ratio Lower Upper
162 100
127 34.9 28.3 42.5
164 32.6 27.0 40.4



#48
2-Nitroaniline
Concen: 45.093 ng
RT: 13.098 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion: 65 Resp: 667648
Ion Ratio Lower Upper
65 100
92 70.7 57.0 85.6
138 114.1 90.0 135.0

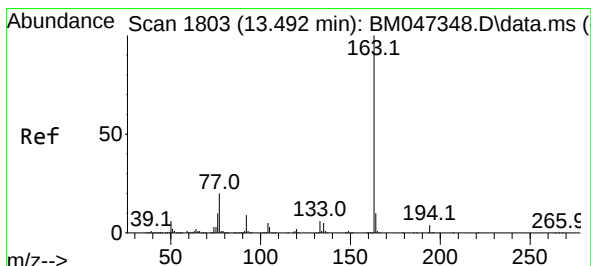
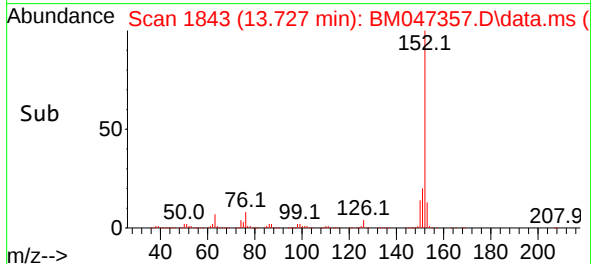
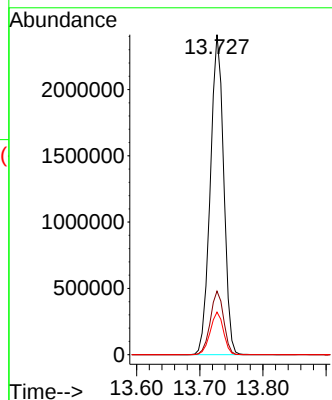
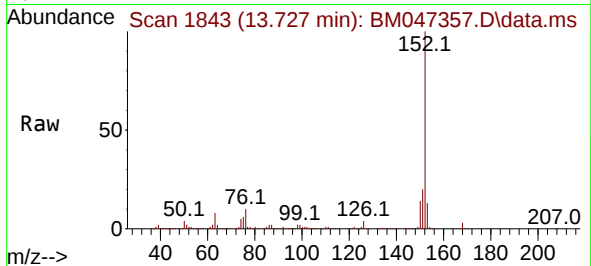




#49
Acenaphthylene
Concen: 46.101 ng
RT: 13.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

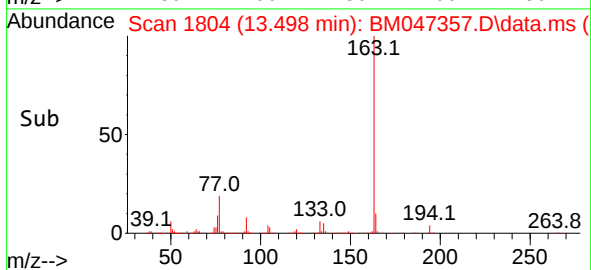
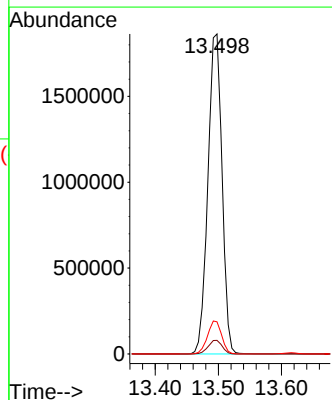
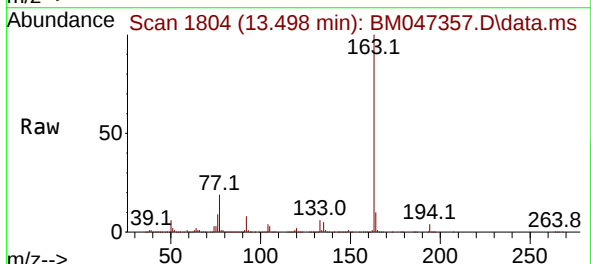
Instrument :
BNA_M
ClientSampleId :
PB162987BS

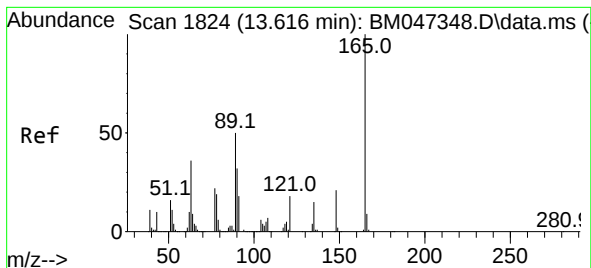
Tgt Ion:152 Resp: 3541544
Ion Ratio Lower Upper
152 100
151 19.9 15.4 23.0
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 43.410 ng
RT: 13.498 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:163 Resp: 2889323
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 8.2 12.4

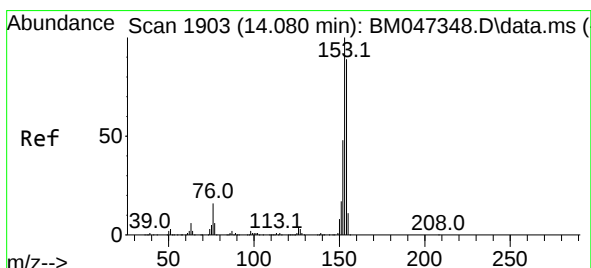
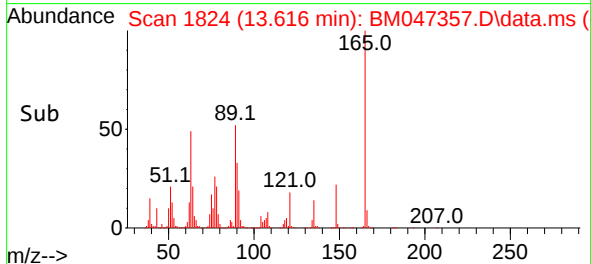
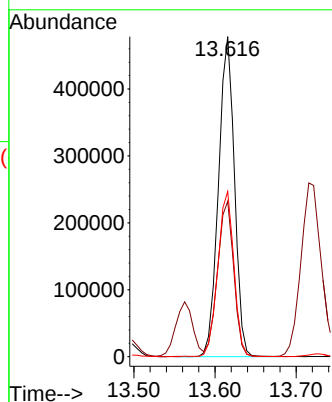
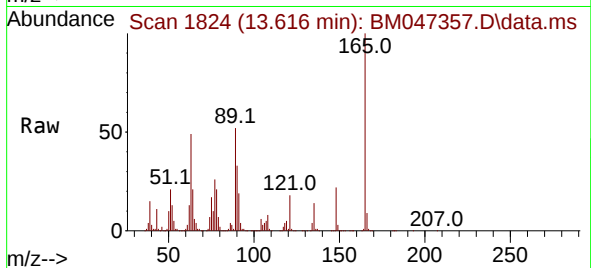




#51
2,6-Dinitrotoluene
Concen: 42.272 ng
RT: 13.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

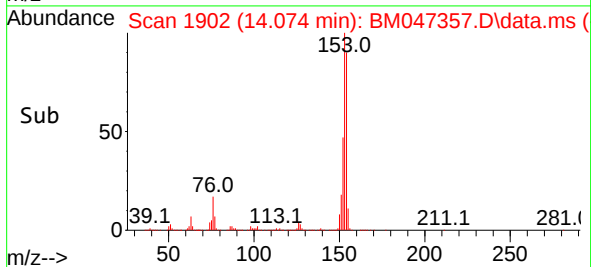
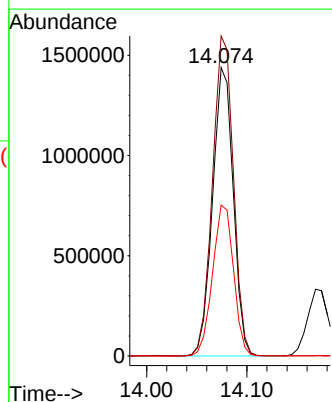
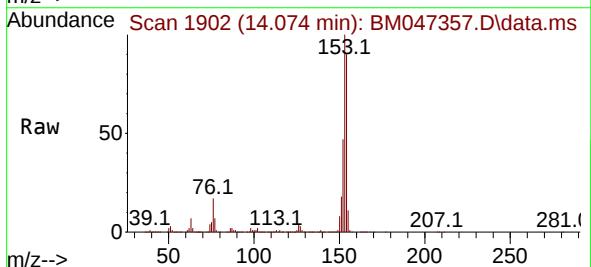
Instrument :
BNA_M
ClientSampleId :
PB162987BS

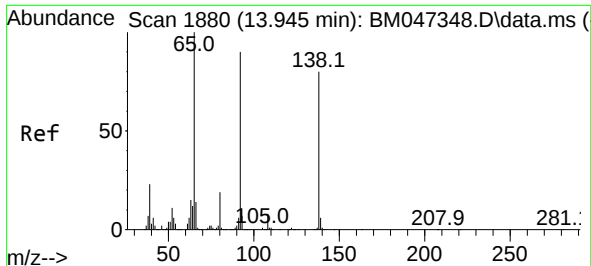
Tgt Ion:165 Resp: 655082
Ion Ratio Lower Upper
165 100
63 48.6 38.2 57.4
89 51.6 40.4 60.6



#52
Acenaphthene
Concen: 42.253 ng
RT: 14.074 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:154 Resp: 2060560
Ion Ratio Lower Upper
154 100
153 111.0 89.5 134.3
152 52.3 43.0 64.4

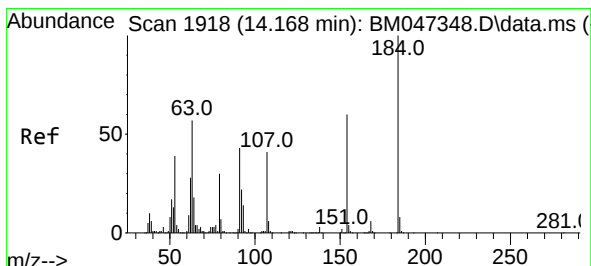
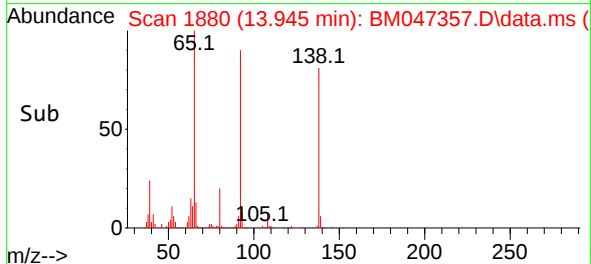
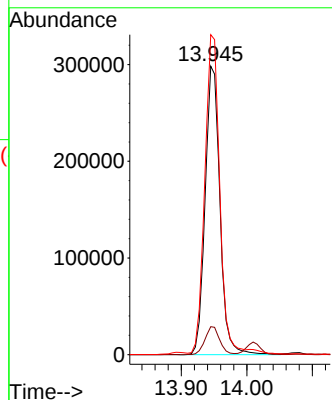
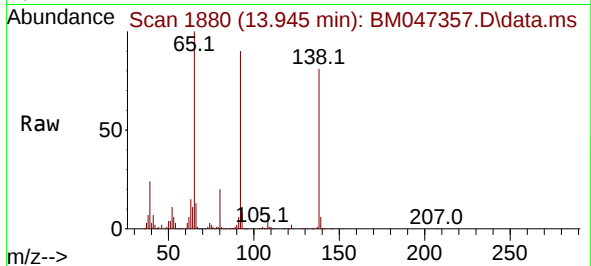




#53
3-Nitroaniline
Concen: 32.869 ng
RT: 13.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

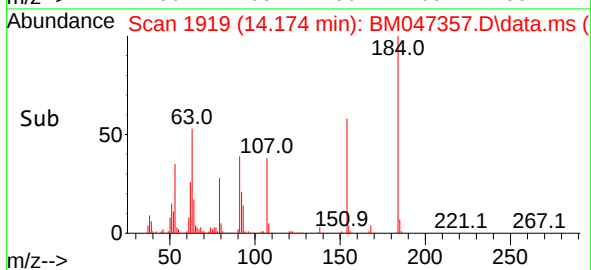
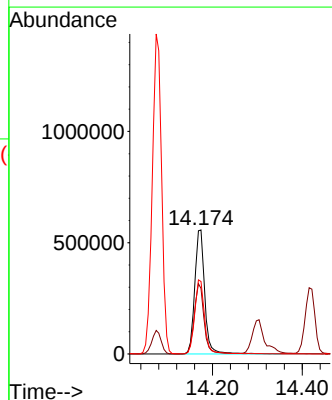
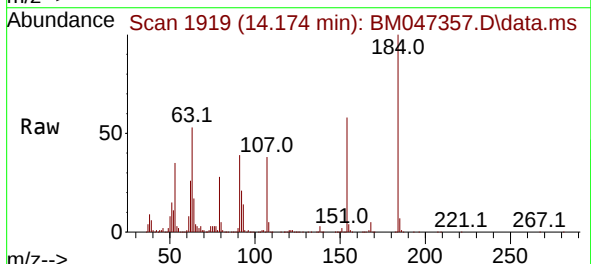
Instrument :
BNA_M
ClientSampleId :
PB162987BS

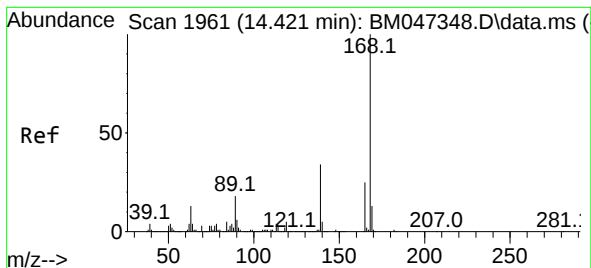
Tgt Ion:138 Resp: 470028
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 110.9 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 90.278 ng
RT: 14.174 min Scan# 1919
Delta R.T. 0.006 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:184 Resp: 861576
Ion Ratio Lower Upper
184 100
63 52.9 45.7 68.5
154 58.4 48.5 72.7

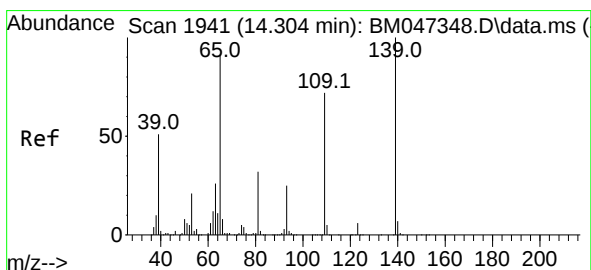
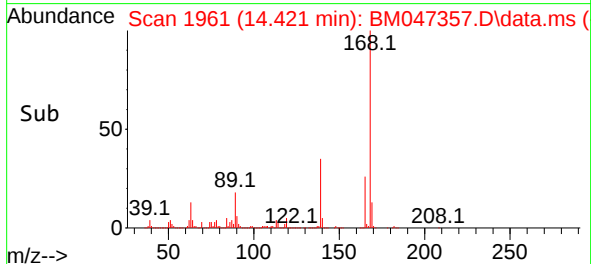
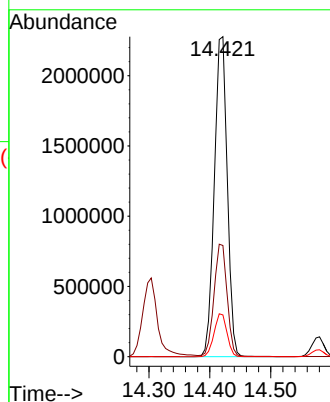
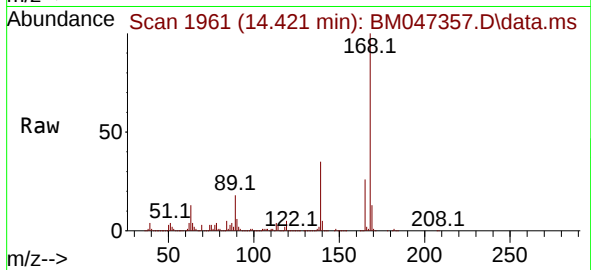




#55
Dibenzenofuran
Concen: 42.694 ng
RT: 14.421 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

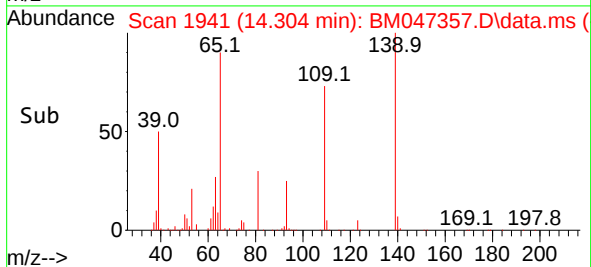
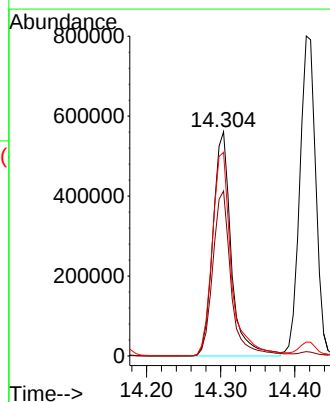
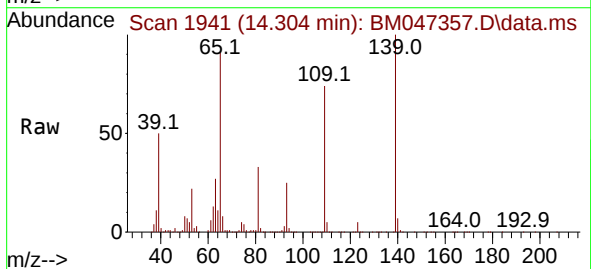
Instrument :
BNA_M
ClientSampleId :
PB162987BS

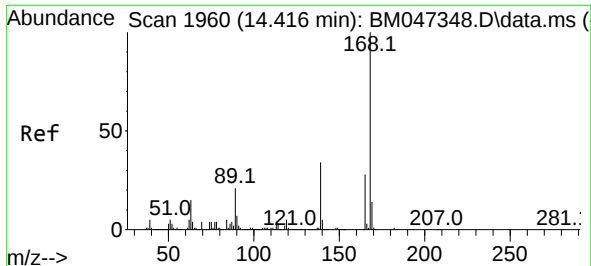
Tgt Ion:168 Resp: 3353697
Ion Ratio Lower Upper
168 100
139 34.7 27.5 41.3
169 13.1 10.5 15.7



#56
4-Nitrophenol
Concen: 85.739 ng
RT: 14.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:139 Resp: 958388
Ion Ratio Lower Upper
139 100
109 73.6 51.6 91.6
65 90.9 71.7 111.7

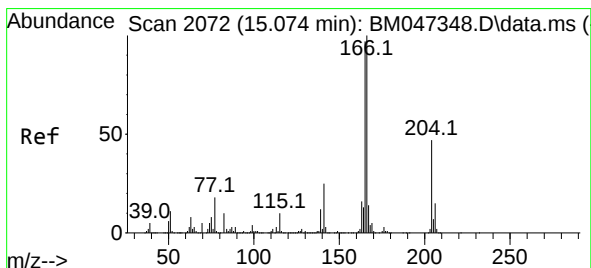
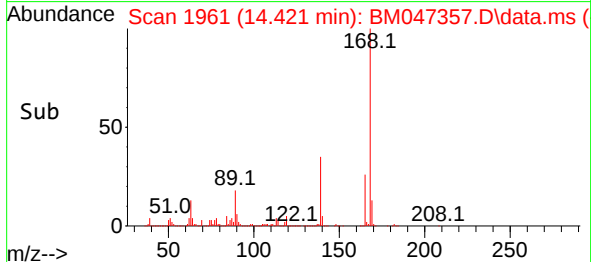
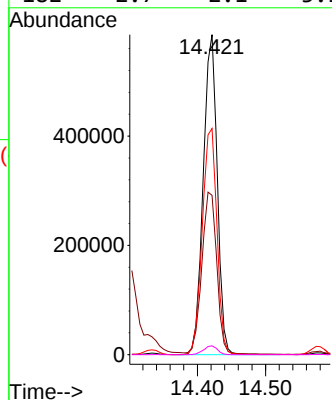
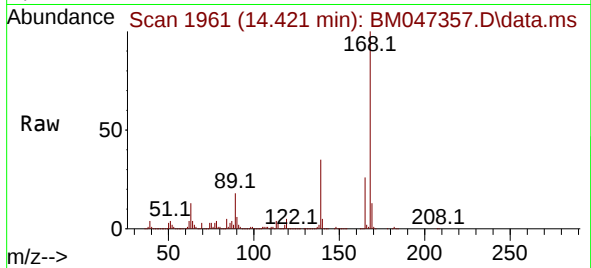




#57
2,4-Dinitrotoluene
Concen: 41.744 ng
RT: 14.421 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

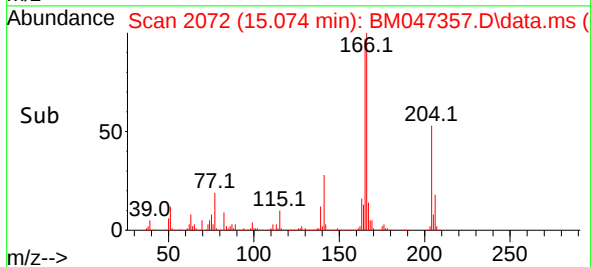
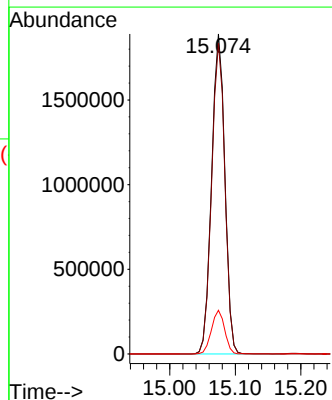
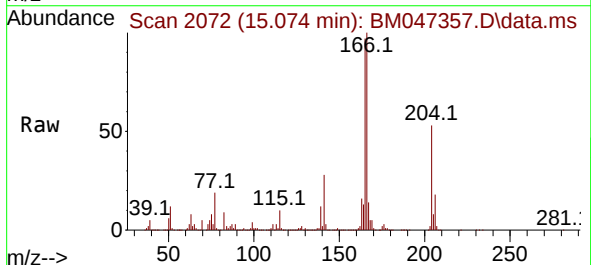
Instrument :
BNA_M
ClientSampleId :
PB162987BS

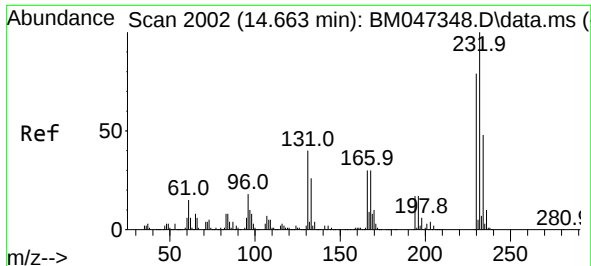
Tgt Ion:165 Resp: 837427
Ion Ratio Lower Upper
165 100
63 49.8 42.2 63.4
89 70.7 59.3 88.9
182 2.7 2.1 3.1



#58
Fluorene
Concen: 41.795 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:166 Resp: 2657037
Ion Ratio Lower Upper
166 100
165 97.2 77.8 116.6
167 13.7 11.1 16.7

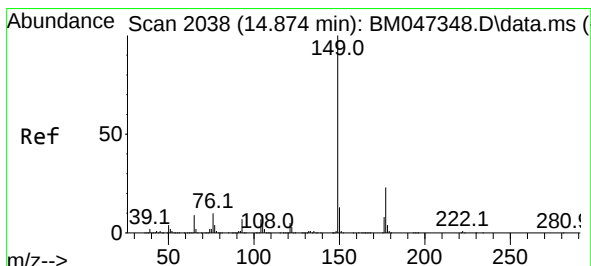
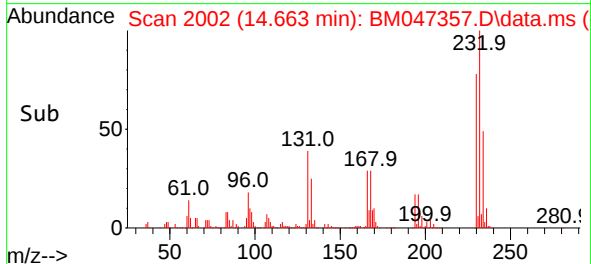
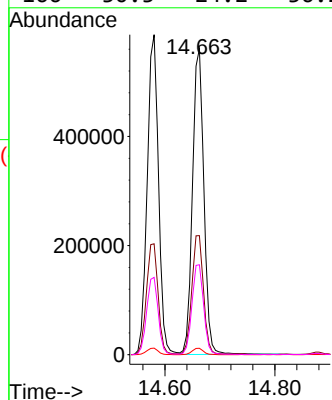
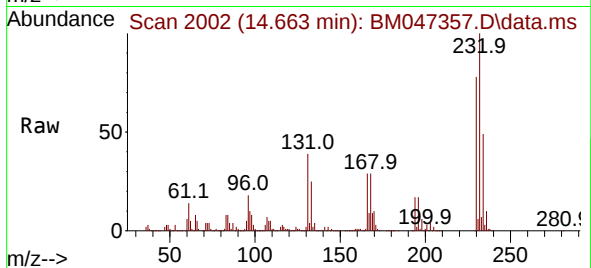




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.915 ng
RT: 14.663 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

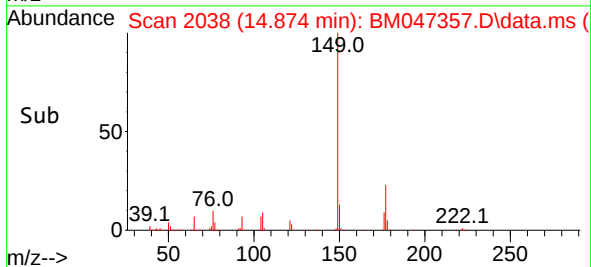
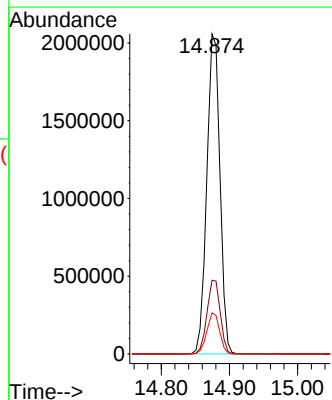
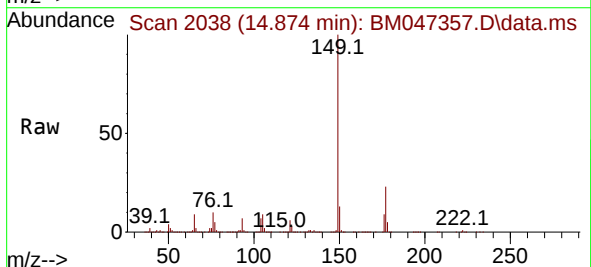
Instrument :
BNA_M
ClientSampleId :
PB162987BS

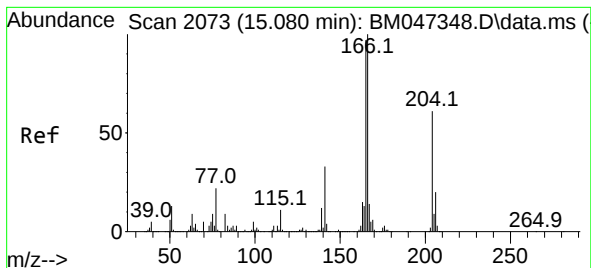
Tgt Ion:232 Resp: 803382
Ion Ratio Lower Upper
232 100
131 39.5 31.7 47.5
130 2.1 1.7 2.5
166 30.3 24.2 36.2



#60
Diethylphthalate
Concen: 41.994 ng
RT: 14.874 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:149 Resp: 2757152
Ion Ratio Lower Upper
149 100
177 23.1 18.6 28.0
150 12.9 10.2 15.4

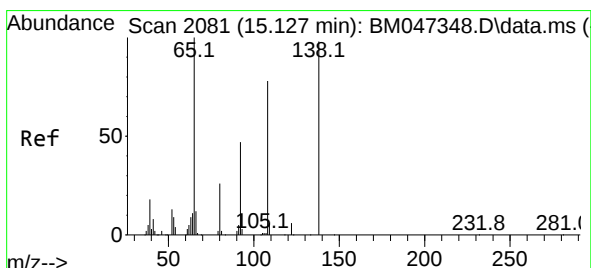
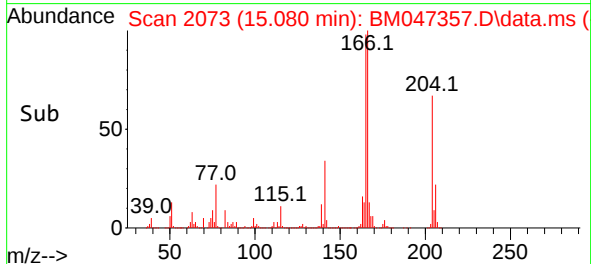
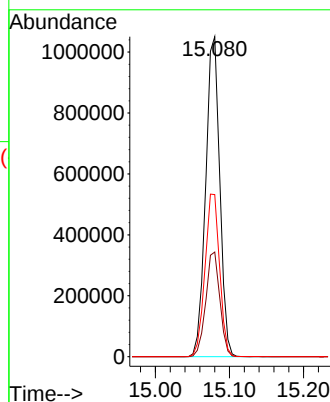
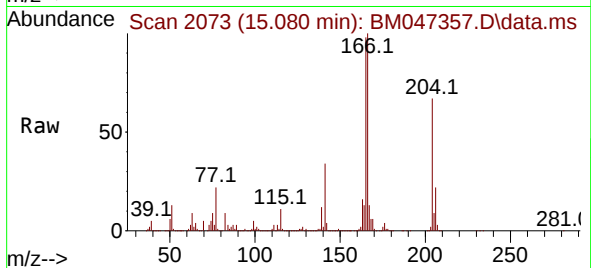




#61
4-Chlorophenyl-phenylether
Concen: 42.879 ng
RT: 15.080 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

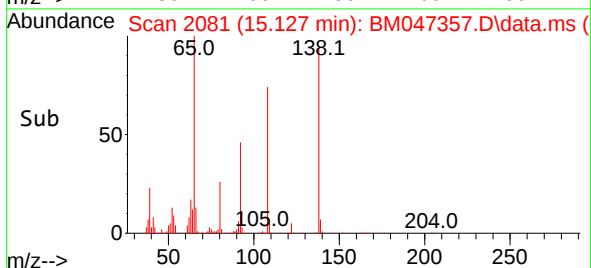
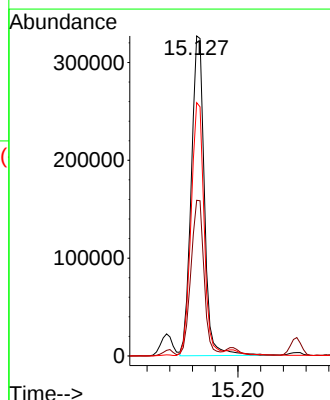
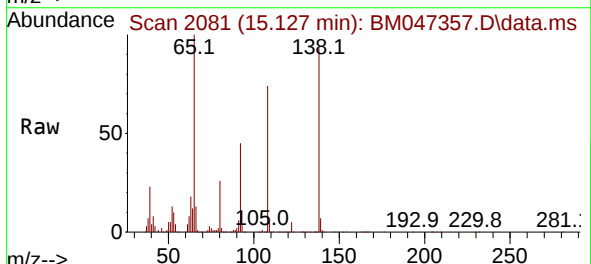
Instrument :
BNA_M
ClientSampleId :
PB162987BS

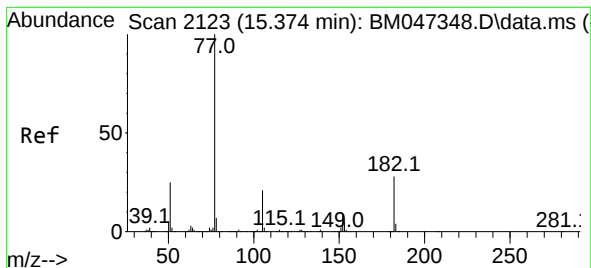
Tgt Ion:204 Resp: 1386708
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 50.7 42.8 64.2



#62
4-Nitroaniline
Concen: 39.781 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:138 Resp: 526240
Ion Ratio Lower Upper
138 100
92 48.7 27.9 67.9
108 79.2 58.7 98.7





#63

Azobenzene

Concen: 43.448 ng

RT: 15.374 min Scan# 2123

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Instrument :

BNA_M

ClientSampleId :

PB162987BS

Tgt Ion: 77 Resp: 2484043

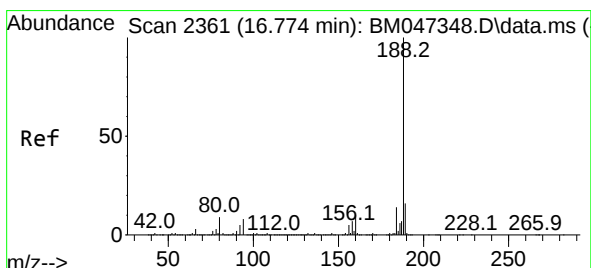
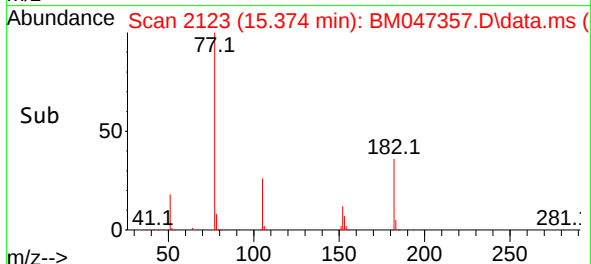
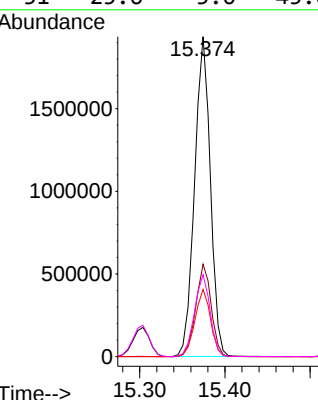
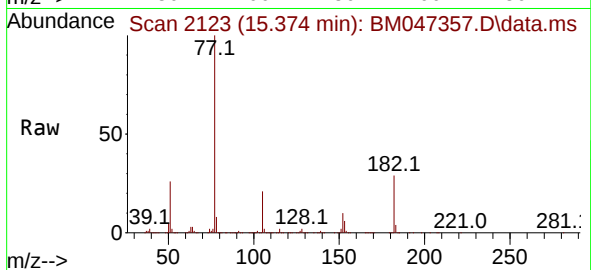
Ion Ratio Lower Upper

77 100

182 28.9 7.9 47.9

105 21.0 0.6 40.6

51 25.6 5.0 45.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 2361

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

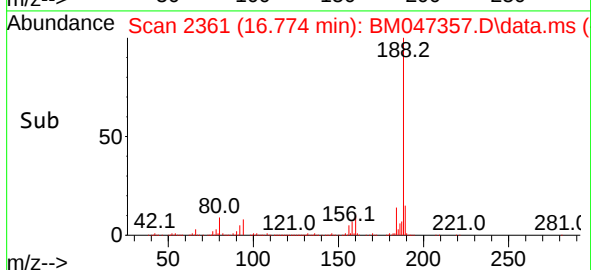
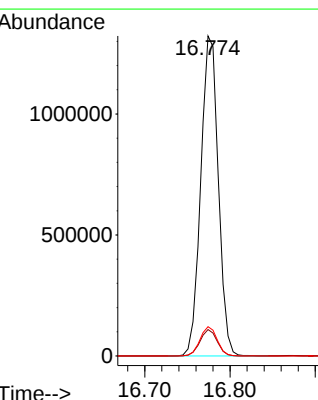
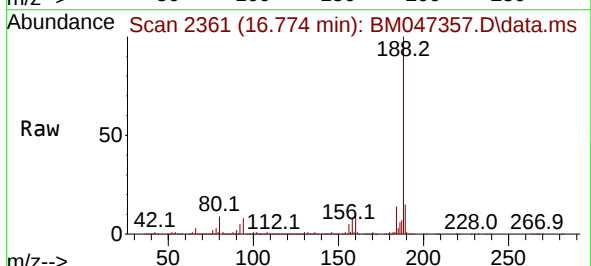
Tgt Ion: 188 Resp: 1889197

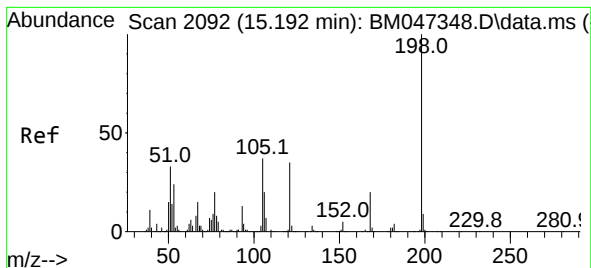
Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.2 7.4 11.2

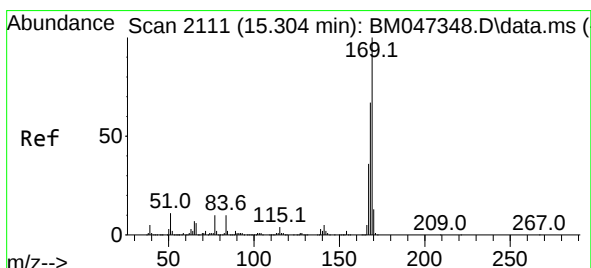
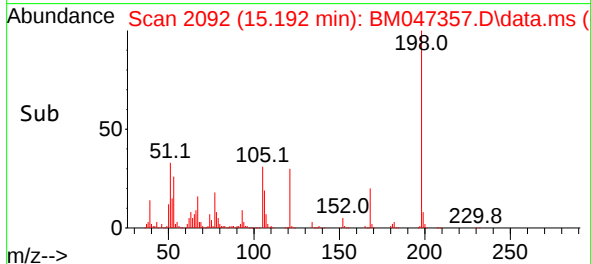
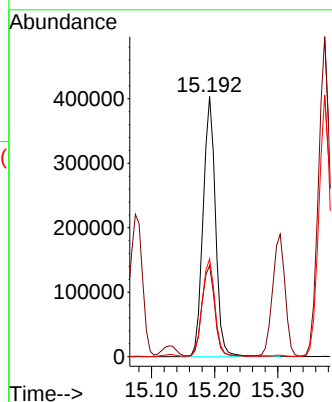
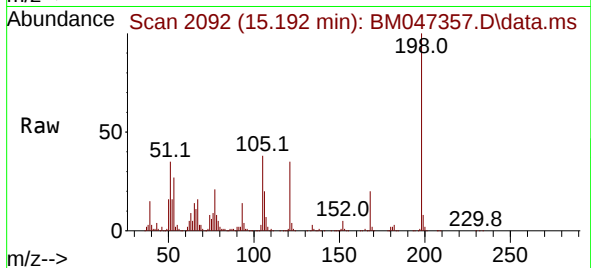




#65
4,6-Dinitro-2-methylphenol
Concen: 47.598 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

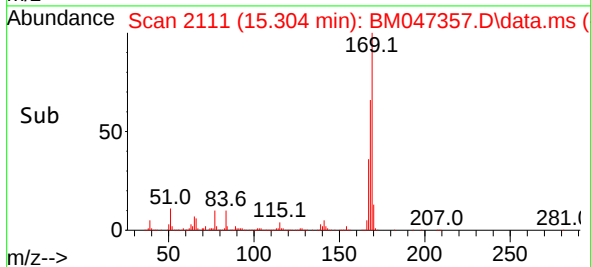
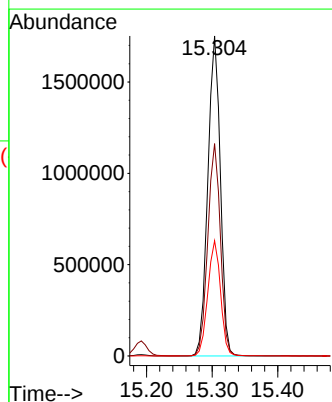
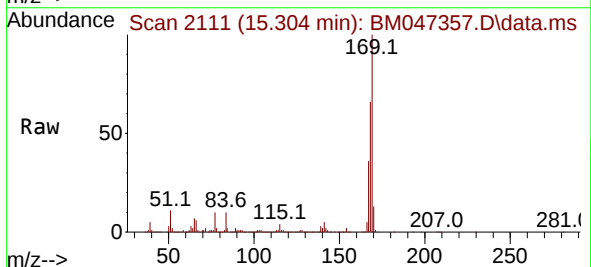
Instrument :
BNA_M
ClientSampleId :
PB162987BS

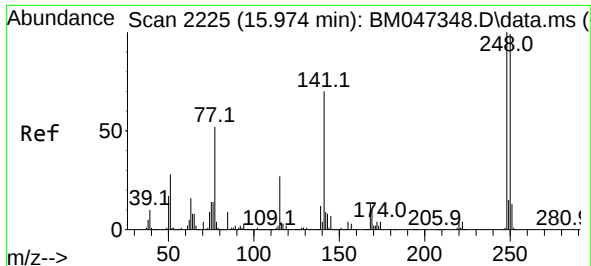
Tgt Ion:198 Resp: 551909
Ion Ratio Lower Upper
198 100
51 35.0 14.1 54.1
105 37.6 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 45.238 ng
RT: 15.304 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:169 Resp: 2338526
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 36.0 29.0 43.4

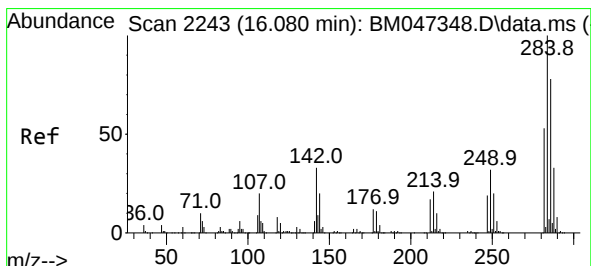
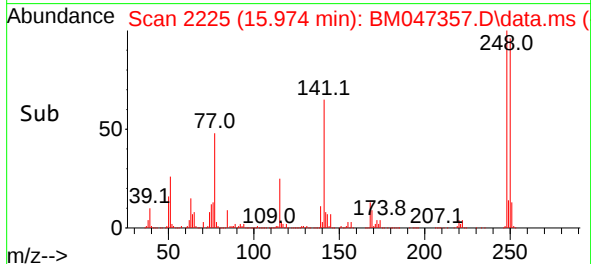
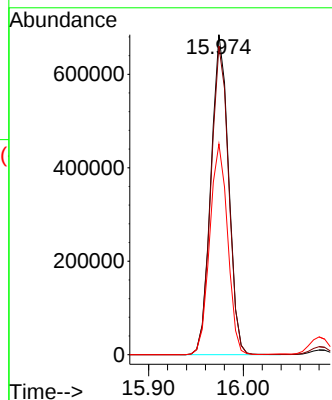
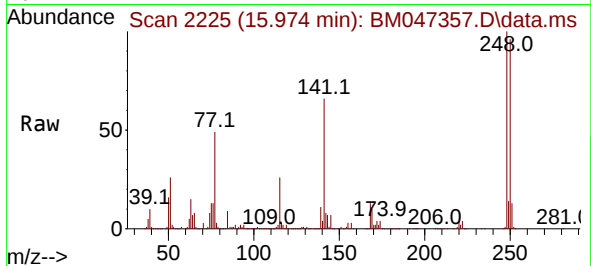




#67
4-Bromophenyl-phenylether
Concen: 44.427 ng
RT: 15.974 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

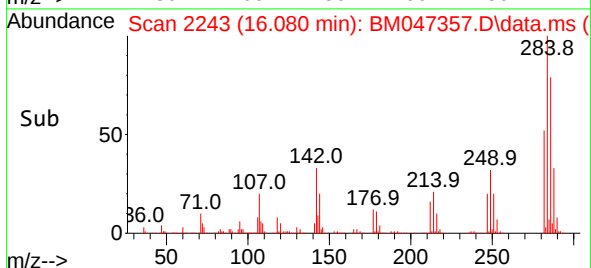
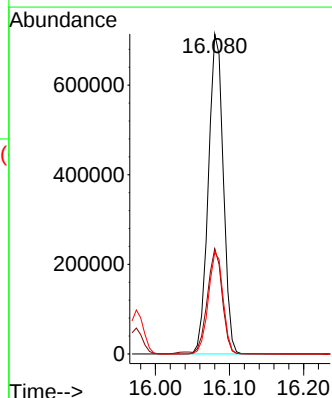
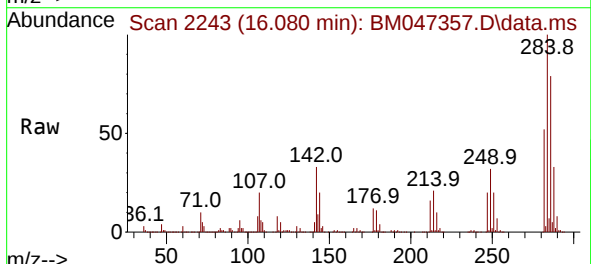
Instrument :
BNA_M
ClientSampleId :
PB162987BS

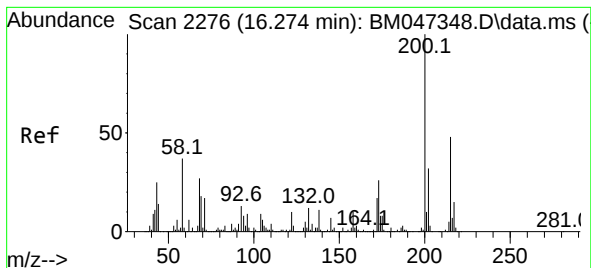
Tgt Ion:248 Resp: 885446
Ion Ratio Lower Upper
248 100
250 96.5 78.8 118.2
141 65.8 55.9 83.9



#68
Hexachlorobenzene
Concen: 43.294 ng
RT: 16.080 min Scan# 2243
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:284 Resp: 996585
Ion Ratio Lower Upper
284 100
142 32.9 26.5 39.7
249 31.7 25.5 38.3





#69

Atrazine

Concen: 39.755 ng

RT: 16.274 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Instrument :

BNA_M

ClientSampleId :

PB162987BS

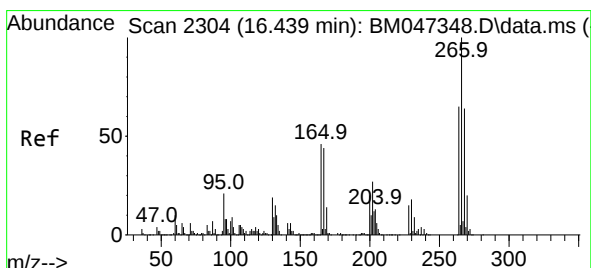
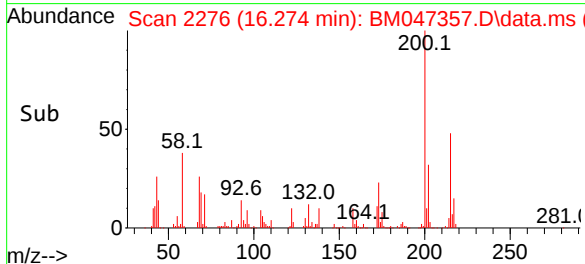
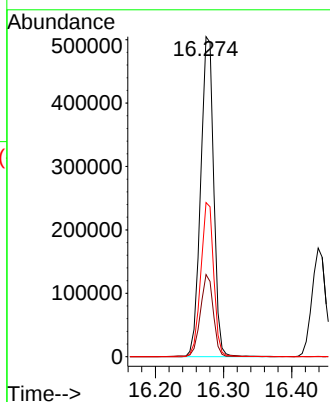
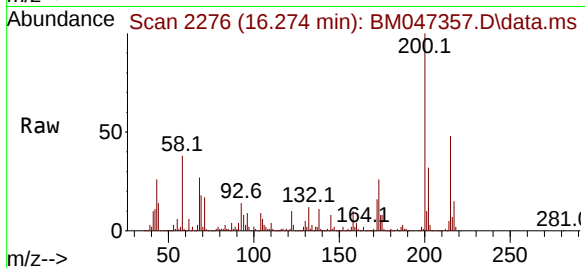
Tgt Ion:200 Resp: 671735

Ion Ratio Lower Upper

200 100

173 25.6 5.8 45.8

215 48.1 28.3 68.3



#70

Pentachlorophenol

Concen: 84.141 ng

RT: 16.439 min Scan# 2304

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

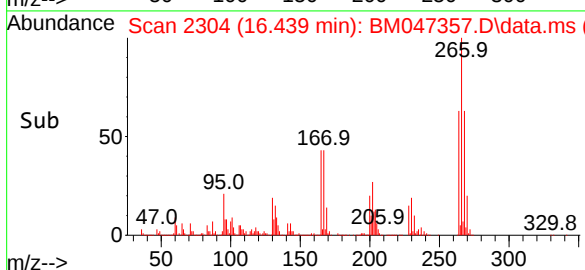
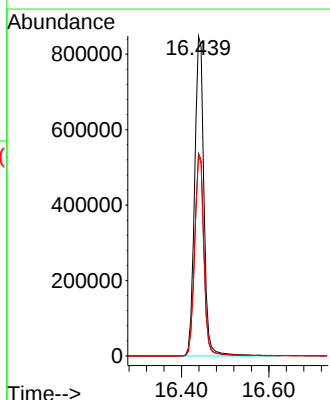
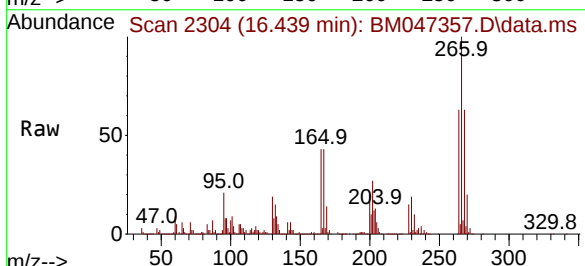
Tgt Ion:266 Resp: 1252233

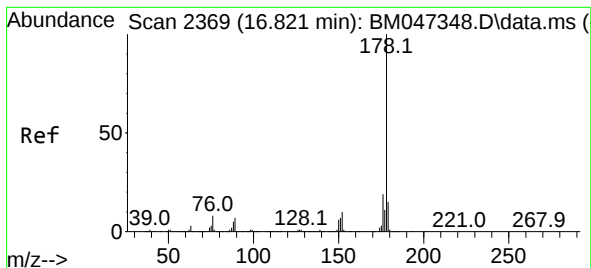
Ion Ratio Lower Upper

266 100

268 63.2 51.0 76.6

264 62.6 51.9 77.9





#71

Phenanthrene

Concen: 44.300 ng

RT: 16.821 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Instrument :

BNA_M

ClientSampleId :

PB162987BS

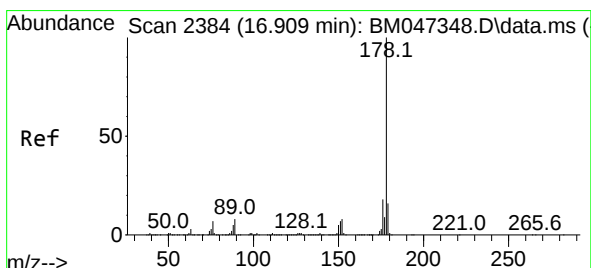
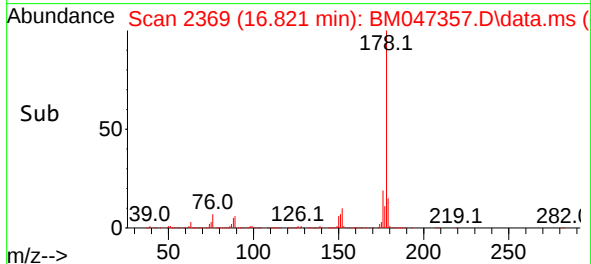
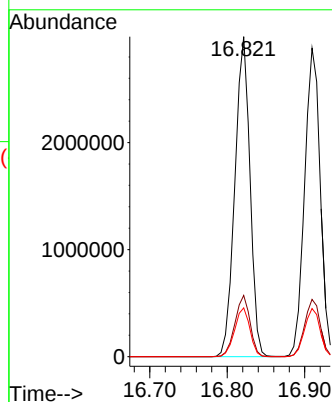
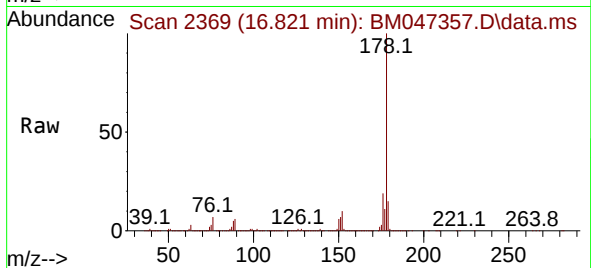
Tgt Ion:178 Resp: 4064455

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.2 12.2 18.4



#72

Anthracene

Concen: 45.326 ng

RT: 16.909 min Scan# 2384

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

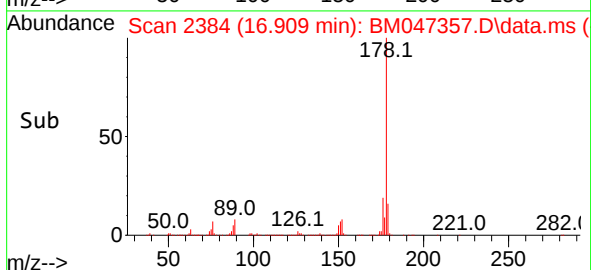
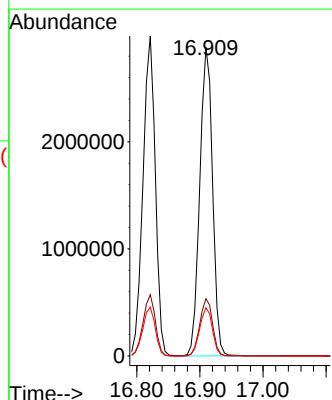
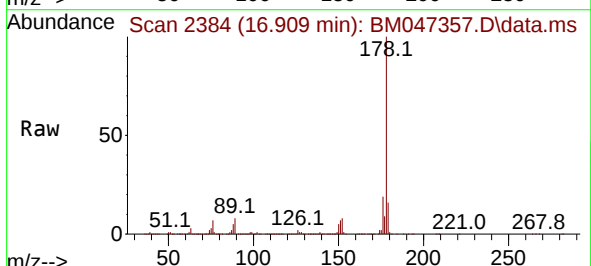
Tgt Ion:178 Resp: 4053887

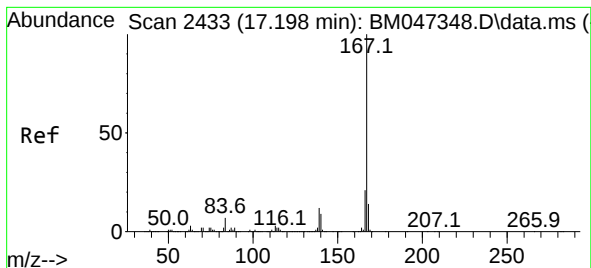
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.6 12.6 18.8





#73

Carbazole

Concen: 42.978 ng

RT: 17.198 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Instrument :

BNA_M

ClientSampleId :

PB162987BS

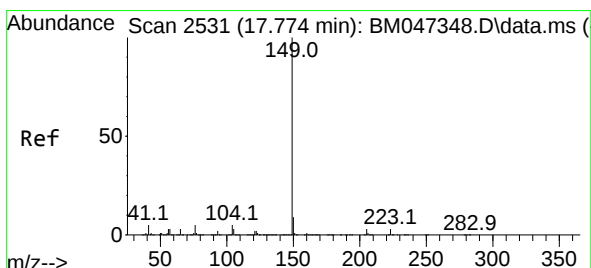
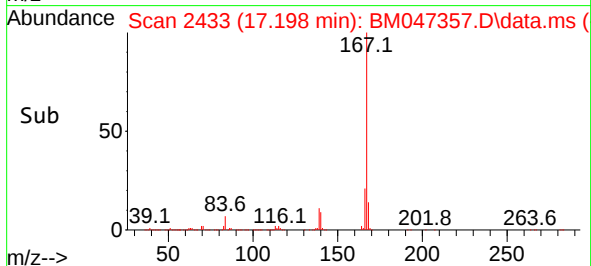
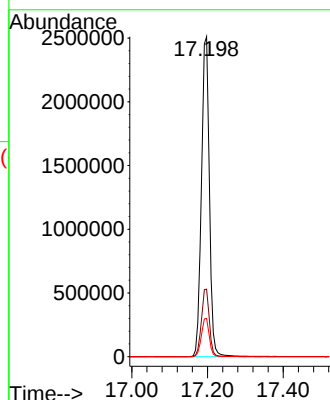
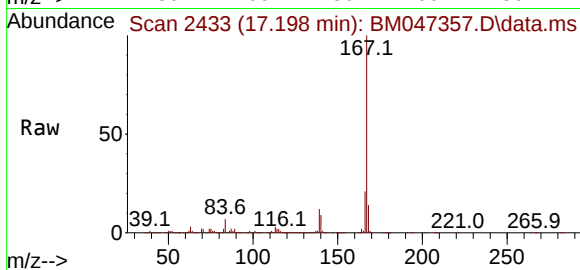
Tgt Ion:167 Resp: 3688657

Ion Ratio Lower Upper

167 100

166 21.1 16.9 25.3

139 12.0 9.5 14.3



#74

Di-n-butylphthalate

Concen: 43.098 ng

RT: 17.774 min Scan# 2531

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

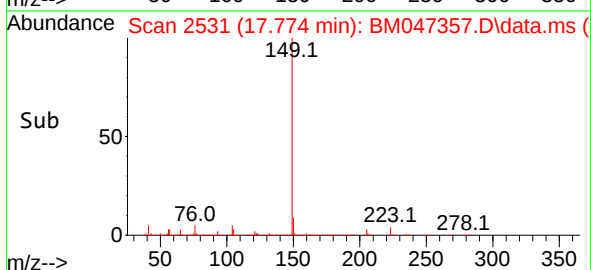
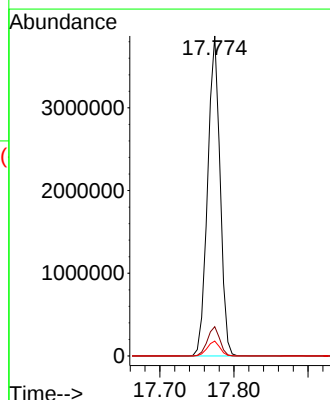
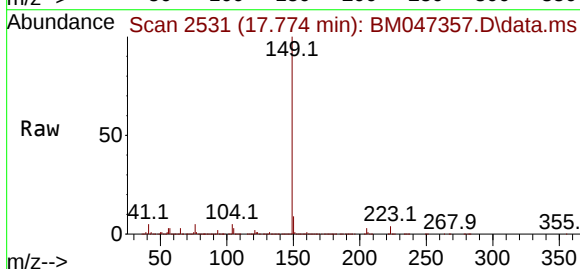
Tgt Ion:149 Resp: 4504171

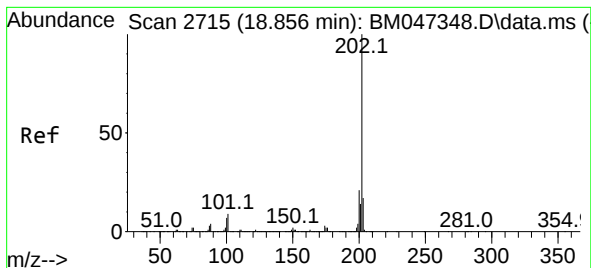
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 40.738 ng

RT: 18.856 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Instrument :

BNA_M

ClientSampleId :

PB162987BS

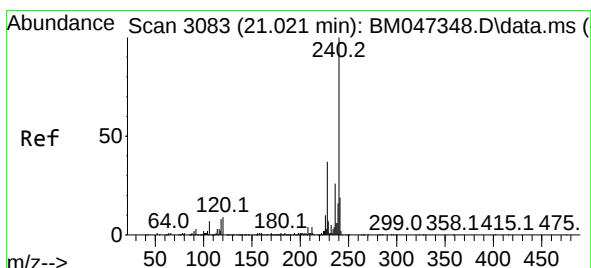
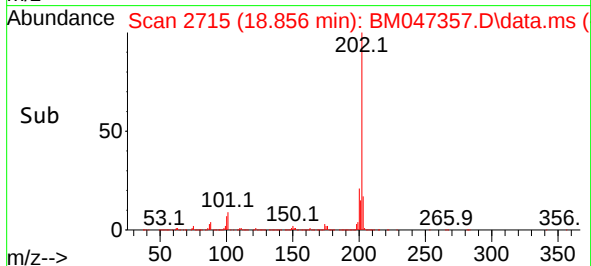
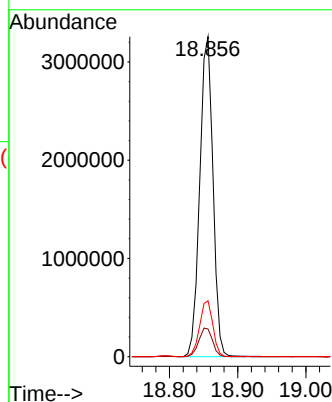
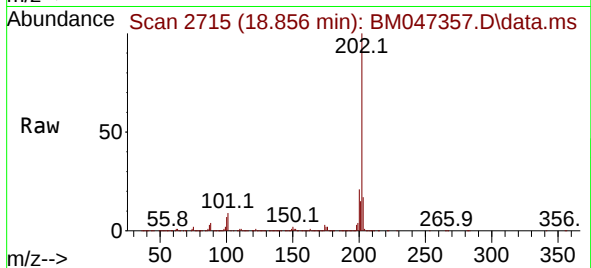
Tgt Ion:202 Resp: 4388669

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.0

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

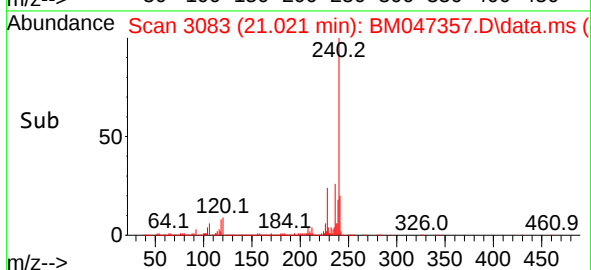
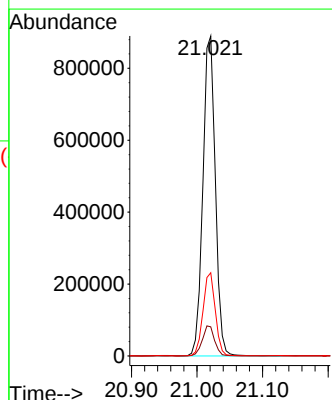
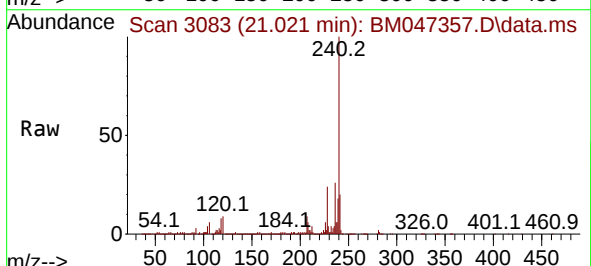
Tgt Ion:240 Resp: 1177820

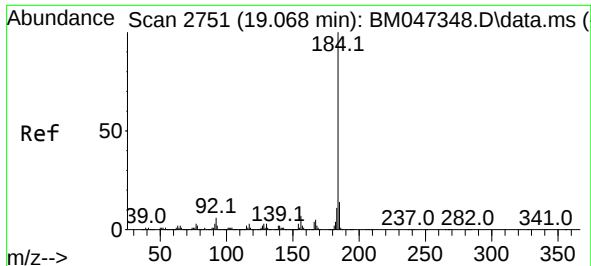
Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.0

236 26.0 20.8 31.2

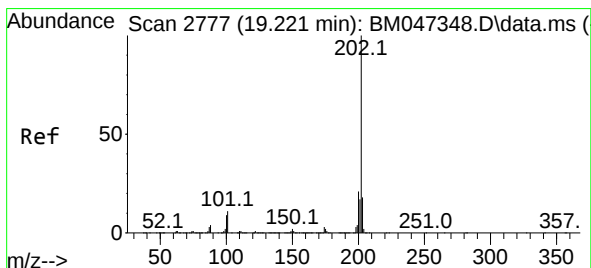
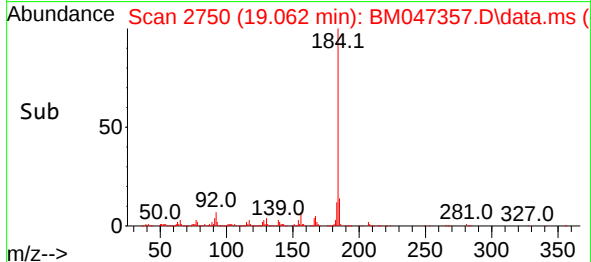
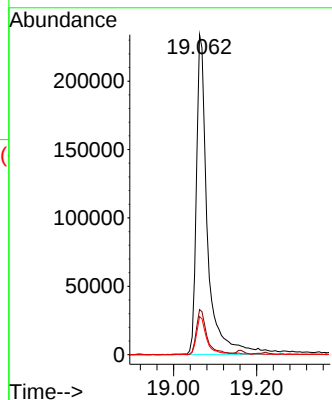
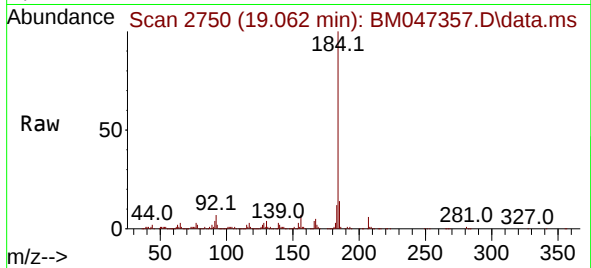




#77
Benzidine
Concen: 22.157 ng
RT: 19.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

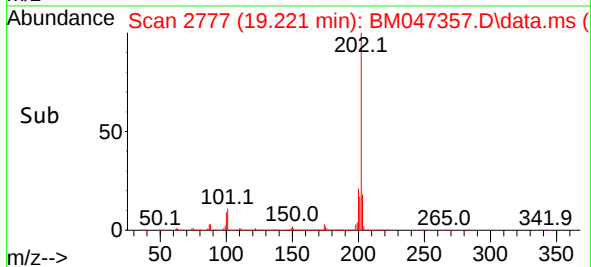
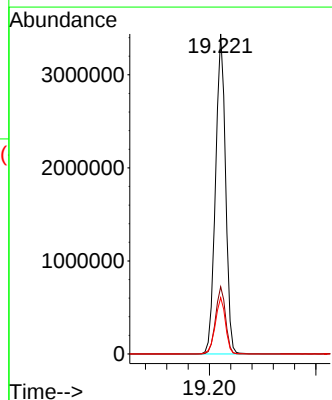
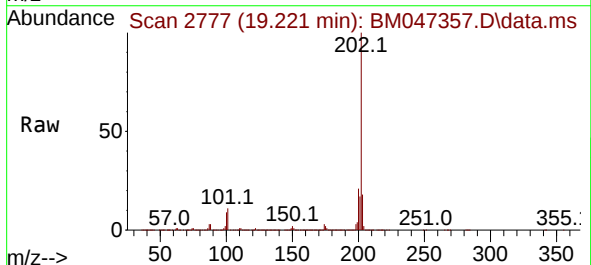
Instrument :
BNA_M
ClientSampleId :
PB162987BS

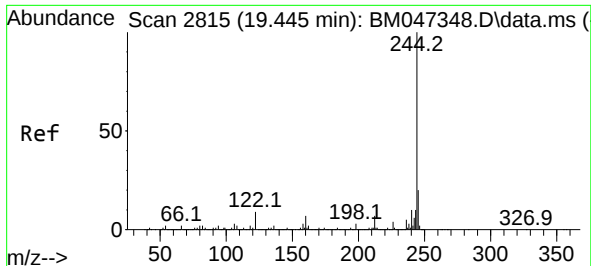
Tgt Ion:184 Resp: 435609
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.9 9.2 13.8



#78
Pyrene
Concen: 49.745 ng
RT: 19.221 min Scan# 2777
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:202 Resp: 4493764
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.6 14.2 21.4

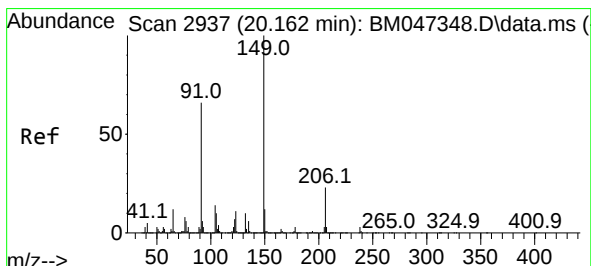
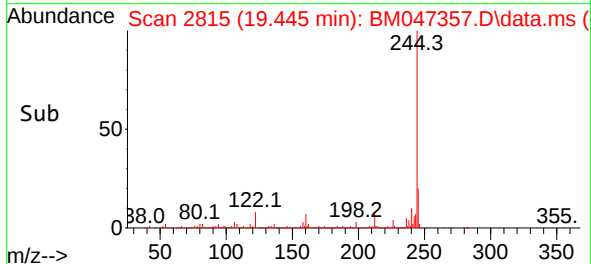
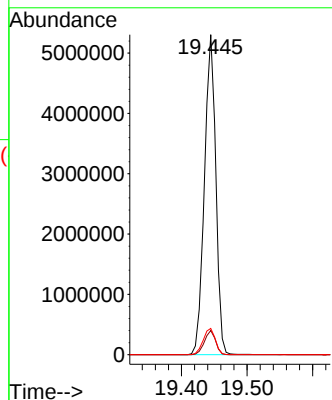
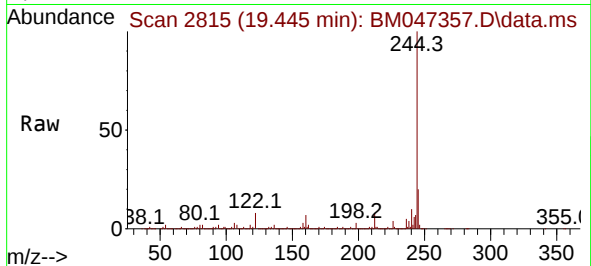




#79
 Terphenyl-d14
 Concen: 97.048 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047357.D
 Acq: 27 Aug 2024 10:34

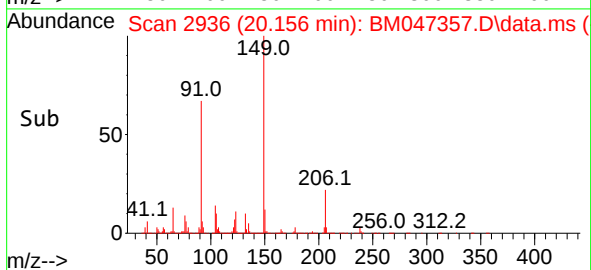
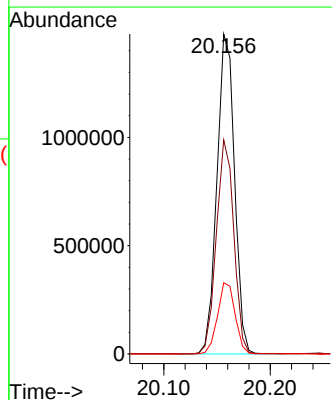
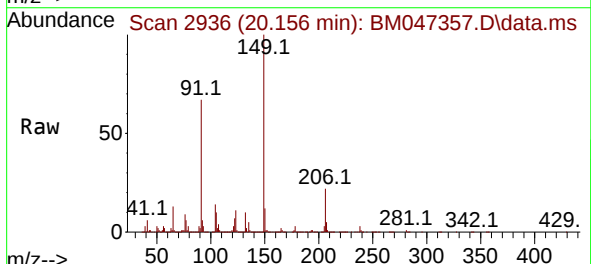
Instrument :
 BNA_M
 ClientSampleId :
 PB162987BS

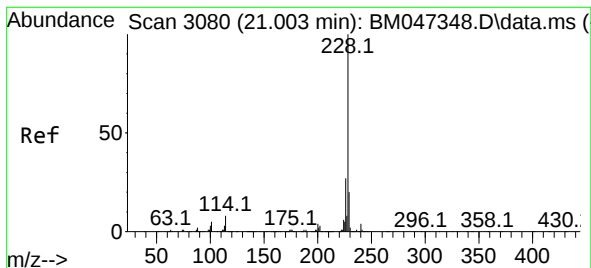
Tgt Ion:244 Resp: 6421770
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 8.2 7.0 10.4



#80
 Butylbenzylphthalate
 Concen: 47.939 ng
 RT: 20.156 min Scan# 2936
 Delta R.T. -0.006 min
 Lab File: BM047357.D
 Acq: 27 Aug 2024 10:34

Tgt Ion:149 Resp: 1694644
 Ion Ratio Lower Upper
 149 100
 91 66.9 52.6 79.0
 206 22.3 18.2 27.2





#81

Benzo(a)anthracene

Concen: 45.880 ng

RT: 21.003 min Scan# 3080

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Instrument :

BNA_M

ClientSampleId :

PB162987BS

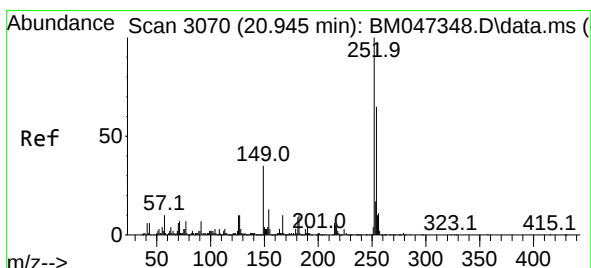
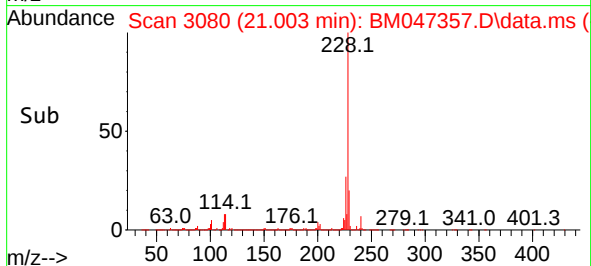
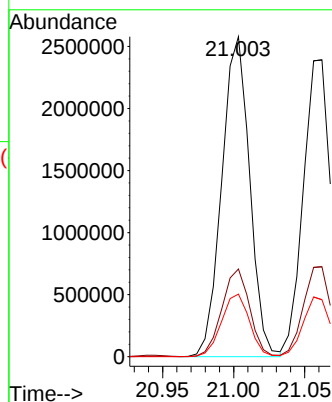
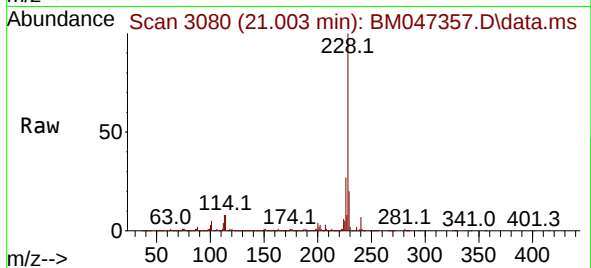
Tgt Ion:228 Resp: 3524002

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.0

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 36.278 ng

RT: 20.944 min Scan# 3070

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

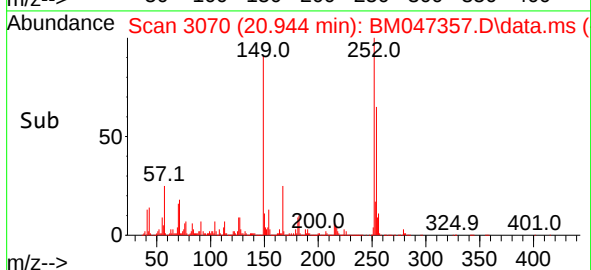
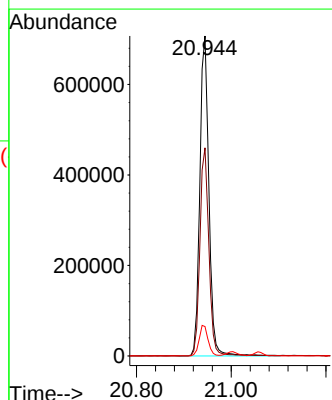
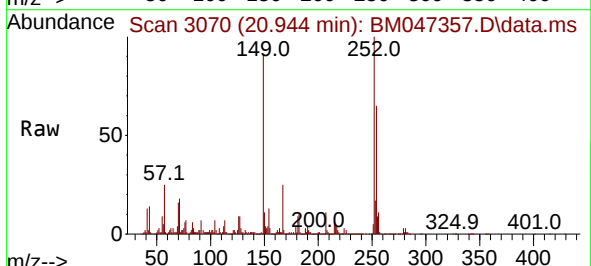
Tgt Ion:252 Resp: 937336

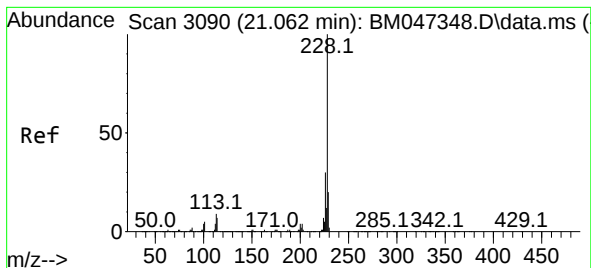
Ion Ratio Lower Upper

252 100

254 65.1 52.1 78.1

126 9.2 7.9 11.9





#83

Chrysene

Concen: 44.839 ng

RT: 21.062 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Instrument :

BNA_M

ClientSampleId :

PB162987BS

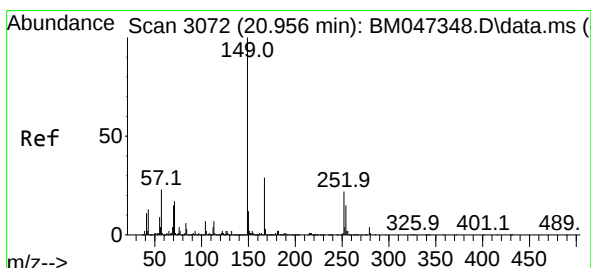
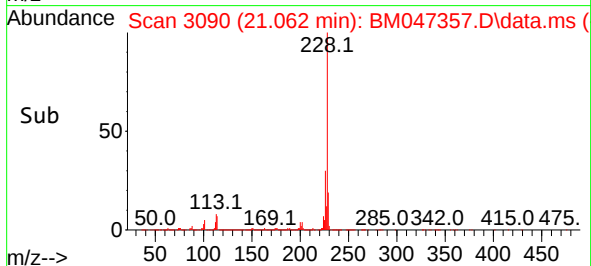
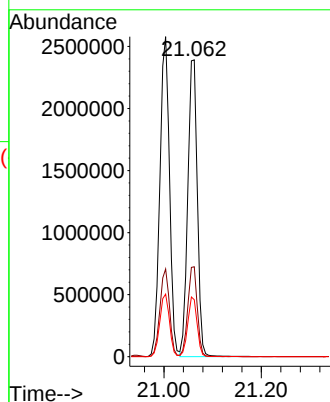
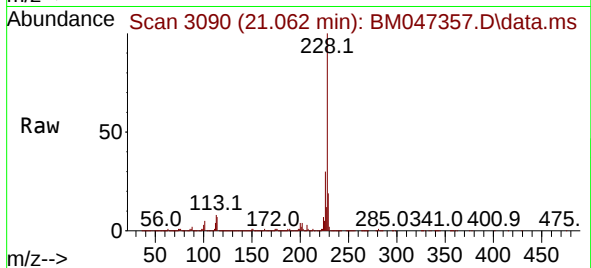
Tgt Ion:228 Resp: 3239713

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 19.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.915 ng

RT: 20.956 min Scan# 3072

Delta R.T. -0.000 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

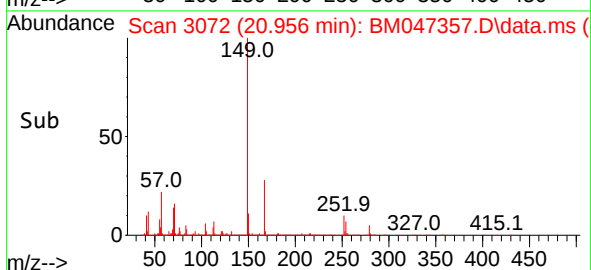
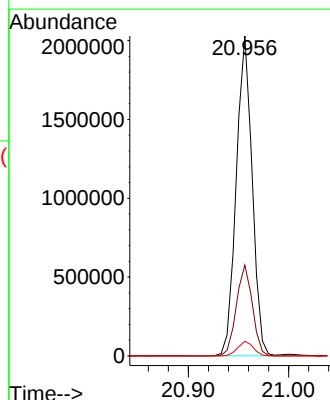
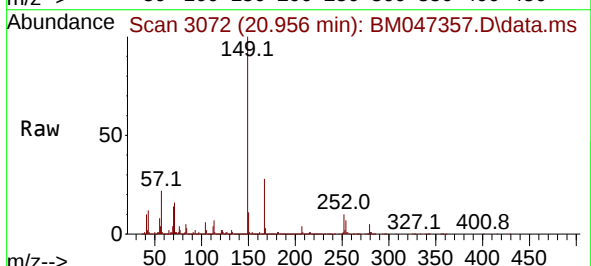
Tgt Ion:149 Resp: 2244056

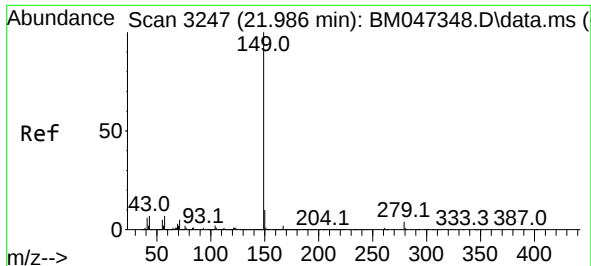
Ion Ratio Lower Upper

149 100

167 28.4 23.1 34.7

279 4.6 3.3 4.9

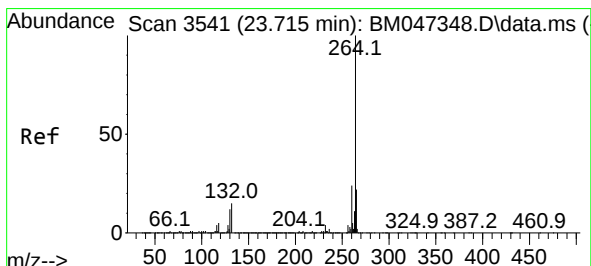
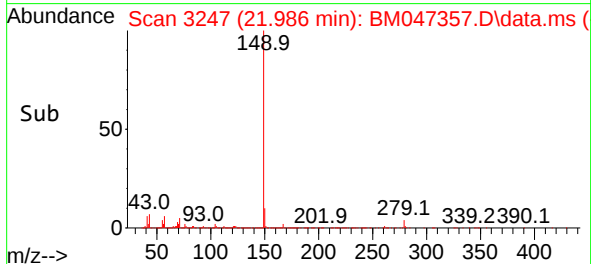
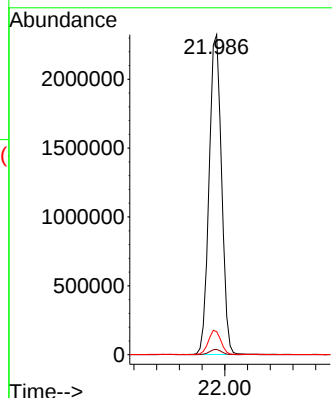
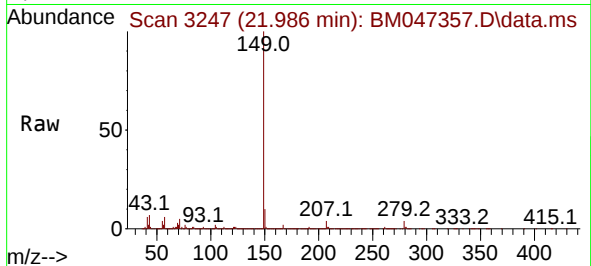




#85
Di-n-octyl phthalate
Concen: 41.772 ng
RT: 21.986 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

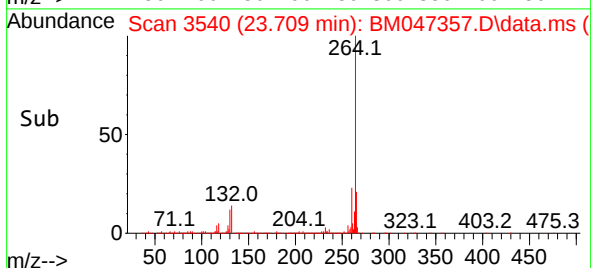
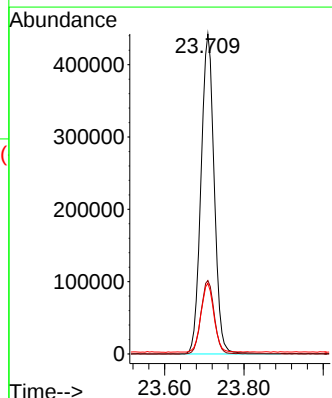
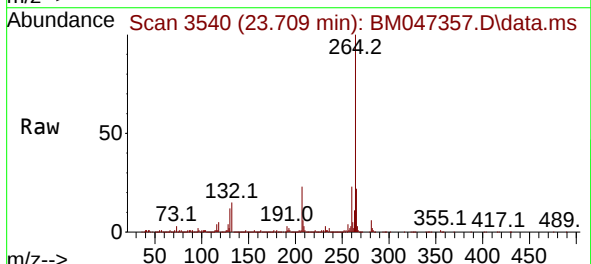
Instrument :
BNA_M
ClientSampleId :
PB162987BS

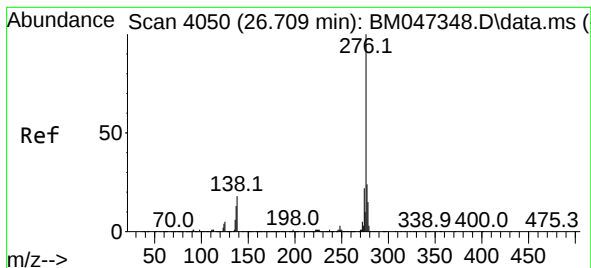
Tgt Ion:149 Resp: 3512797
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.6 6.1 9.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 3540
Delta R.T. -0.006 min
Lab File: BM047357.D
Acq: 27 Aug 2024 10:34

Tgt Ion:264 Resp: 1021763
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.4
265 22.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.197 ng

RT: 26.697 min Scan# 4050

Delta R.T. -0.012 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Instrument :

BNA_M

ClientSampleId :

PB162987BS

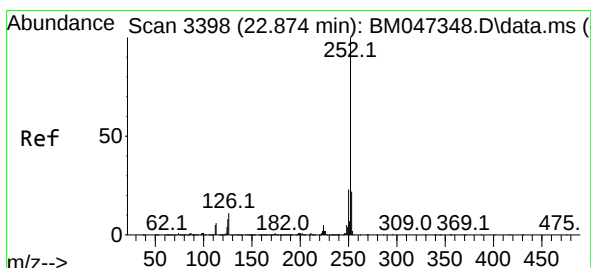
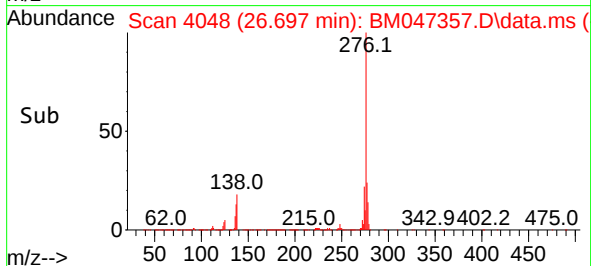
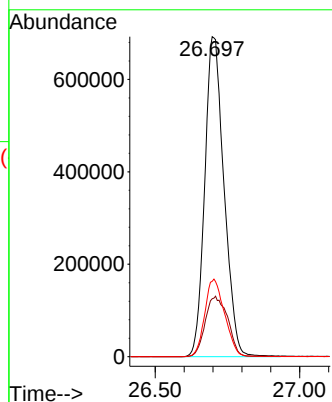
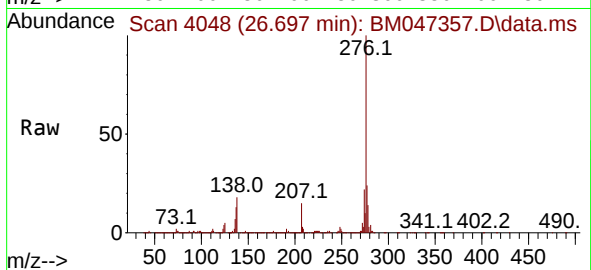
Tgt Ion:276 Resp: 3210724

Ion Ratio Lower Upper

276 100

138 22.0 17.7 26.5

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 51.184 ng

RT: 22.868 min Scan# 3397

Delta R.T. -0.006 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

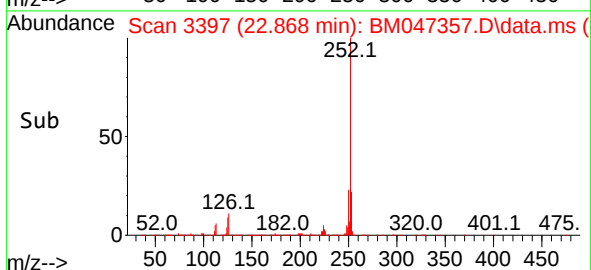
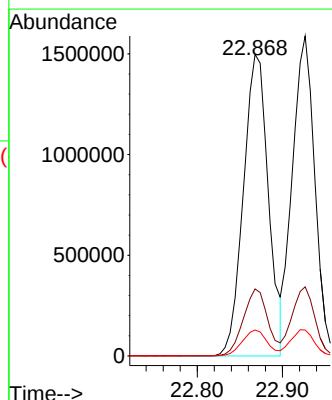
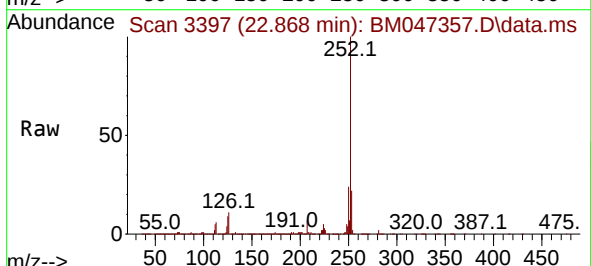
Tgt Ion:252 Resp: 3051135

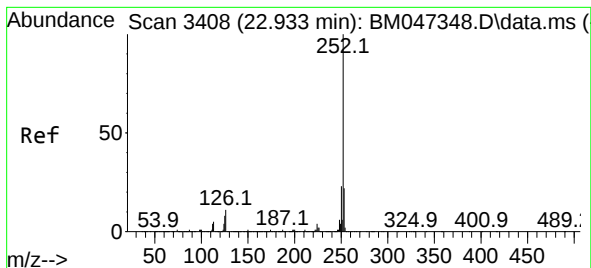
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.6 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 51.637 ng

RT: 22.927 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Instrument :

BNA_M

ClientSampleId :

PB162987BS

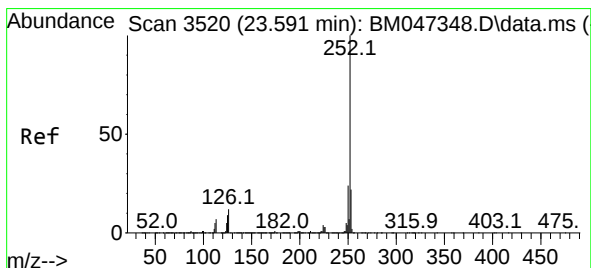
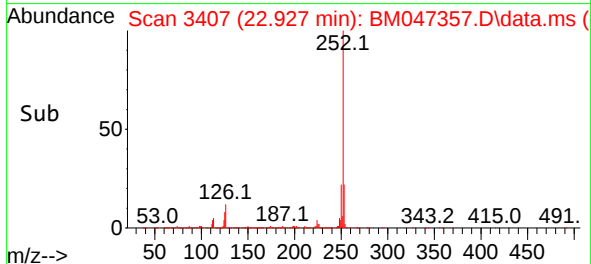
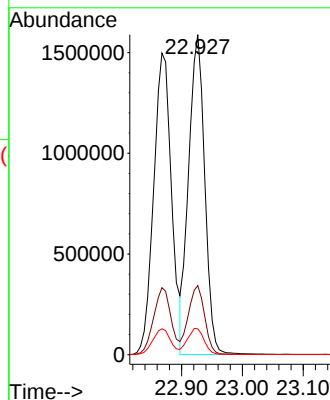
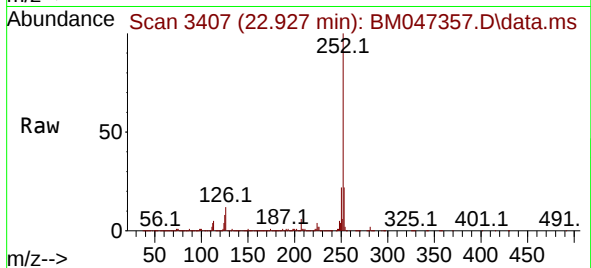
Tgt Ion:252 Resp: 2918004

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.1 6.6 9.8



#90

Benzo(a)pyrene

Concen: 52.491 ng

RT: 23.585 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

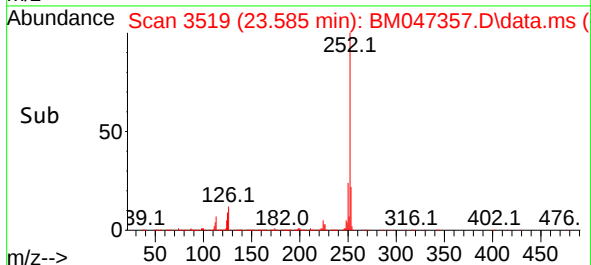
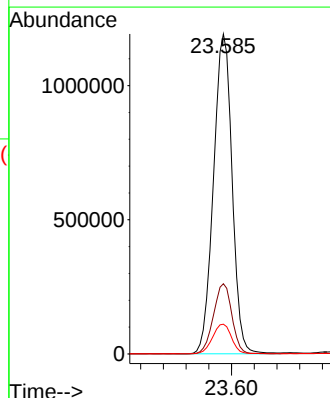
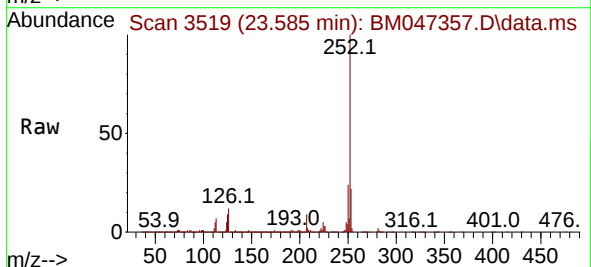
Tgt Ion:252 Resp: 2705998

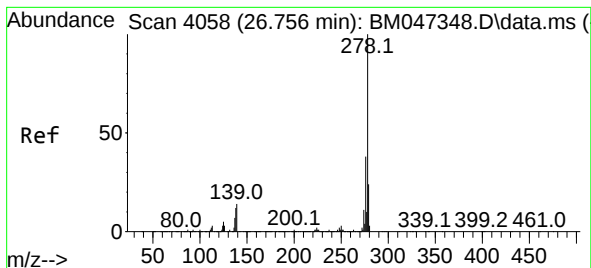
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.3 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 49.920 ng

RT: 26.744 min Scan# 4056

Delta R.T. -0.012 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Instrument :

BNA_M

ClientSampleId :

PB162987BS

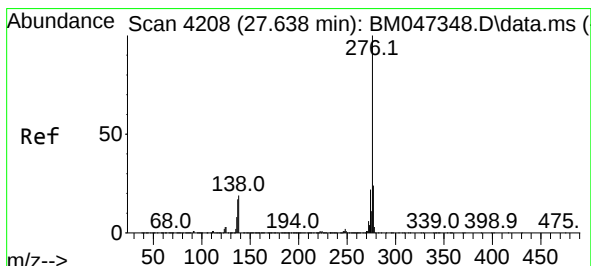
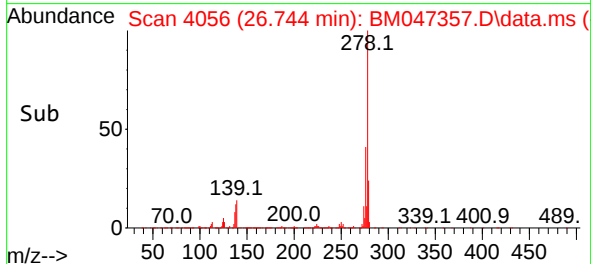
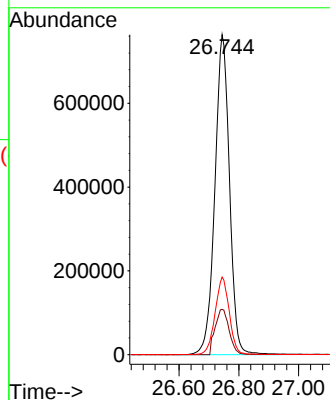
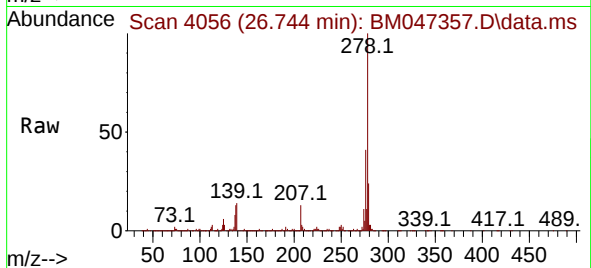
Tgt Ion:278 Resp: 2586694

Ion Ratio Lower Upper

278 100

139 14.2 11.1 16.7

279 24.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 48.345 ng

RT: 27.626 min Scan# 4206

Delta R.T. -0.012 min

Lab File: BM047357.D

Acq: 27 Aug 2024 10:34

Tgt Ion:276 Resp: 2604340

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 18.8 15.0 22.6

