

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082924\
 Data File : BM047398.D
 Acq On : 29 Aug 2024 17:45
 Operator : RC/JU
 Sample : P3773-02MSD 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-082824MSD

Quant Time: Aug 29 18:21:29 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	7.346	152	304090	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1137395	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	760325	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1407501	20.000	ng	0.00
76) Chrysene-d12	21.021	240	955156	20.000	ng	0.00
86) Perylene-d12	23.727	264	1101251	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.011	112	693350	43.745	ng	0.00
7) Phenol-d6	6.575	99	912156	42.246	ng	0.00
23) Nitrobenzene-d5	8.499	82	612327	29.871	ng	0.00
42) 2,4,6-Tribromophenol	15.528	330	381525	41.591	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	1497636	30.265	ng	0.00
79) Terphenyl-d14	19.445	244	1673477	31.186	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.017	88	111822	17.236	ng	97
3) Pyridine	3.393	79	298275	16.565	ng	99
4) n-Nitrosodimethylamine	3.317	42	136771	18.651	ng	# 96
6) Aniline	6.699	93	343964	17.589	ng	99
8) 2-Chlorophenol	6.928	128	402693	22.699	ng	98
9) Benzaldehyde	6.516	77	129091	8.372	ng	97
10) Phenol	6.599	94	464825	21.881	ng	98
11) bis(2-Chloroethyl)ether	6.799	93	384250	20.873	ng	99
12) 1,3-Dichlorobenzene	7.234	146	455531	20.998	ng	98
13) 1,4-Dichlorobenzene	7.381	146	461800	21.019	ng	99
14) 1,2-Dichlorobenzene	7.687	146	449620	21.595	ng	99
15) Benzyl Alcohol	7.605	79	345381	23.073	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.869	45	463256	20.987	ng	99
17) 2-Methylphenol	7.816	107	322065	21.821	ng	99
18) Hexachloroethane	8.393	117	144615	17.608	ng	98
19) n-Nitroso-di-n-propyla...	8.157	70	281769	18.984	ng	99
20) 3+4-Methylphenols	8.146	107	430766	20.992	ng	96
22) Acetophenone	8.169	105	550006	20.836	ng	98
24) Nitrobenzene	8.540	77	434490	20.609	ng	97
25) Isophorone	9.063	82	807243	20.836	ng	99
26) 2-Nitrophenol	9.240	139	222663	21.471	ng	98
27) 2,4-Dimethylphenol	9.328	122	324351	27.709	ng	98
28) bis(2-Chloroethoxy)met...	9.546	93	495433	20.883	ng	100
29) 2,4-Dichlorophenol	9.787	162	420676	23.167	ng	99
30) 1,2,4-Trichlorobenzene	9.975	180	452856	21.592	ng	100
31) Naphthalene	10.151	128	1200824	21.616	ng	100
32) Benzoic acid	9.510	122	253066	18.105	ng	99
33) 4-Chloroaniline	10.287	127	340300	16.475	ng	99
34) Hexachlorobutadiene	10.428	225	293446	22.403	ng	98
35) Caprolactam	11.098	113	122508	20.827	ng	96
36) 4-Chloro-3-methylphenol	11.445	107	394955	21.419	ng	99
37) 2-Methylnaphthalene	11.781	142	882286	21.782	ng	99
38) 1-Methylnaphthalene	12.004	142	825234	20.600	ng	99
40) 1,2,4,5-Tetrachloroben...	12.163	216	509452	22.628	ng	99
41) Hexachlorocyclopentadiene	12.128	237	32524	4.577	ng	100
43) 2,4,6-Trichlorophenol	12.434	196	351296	22.761	ng	99

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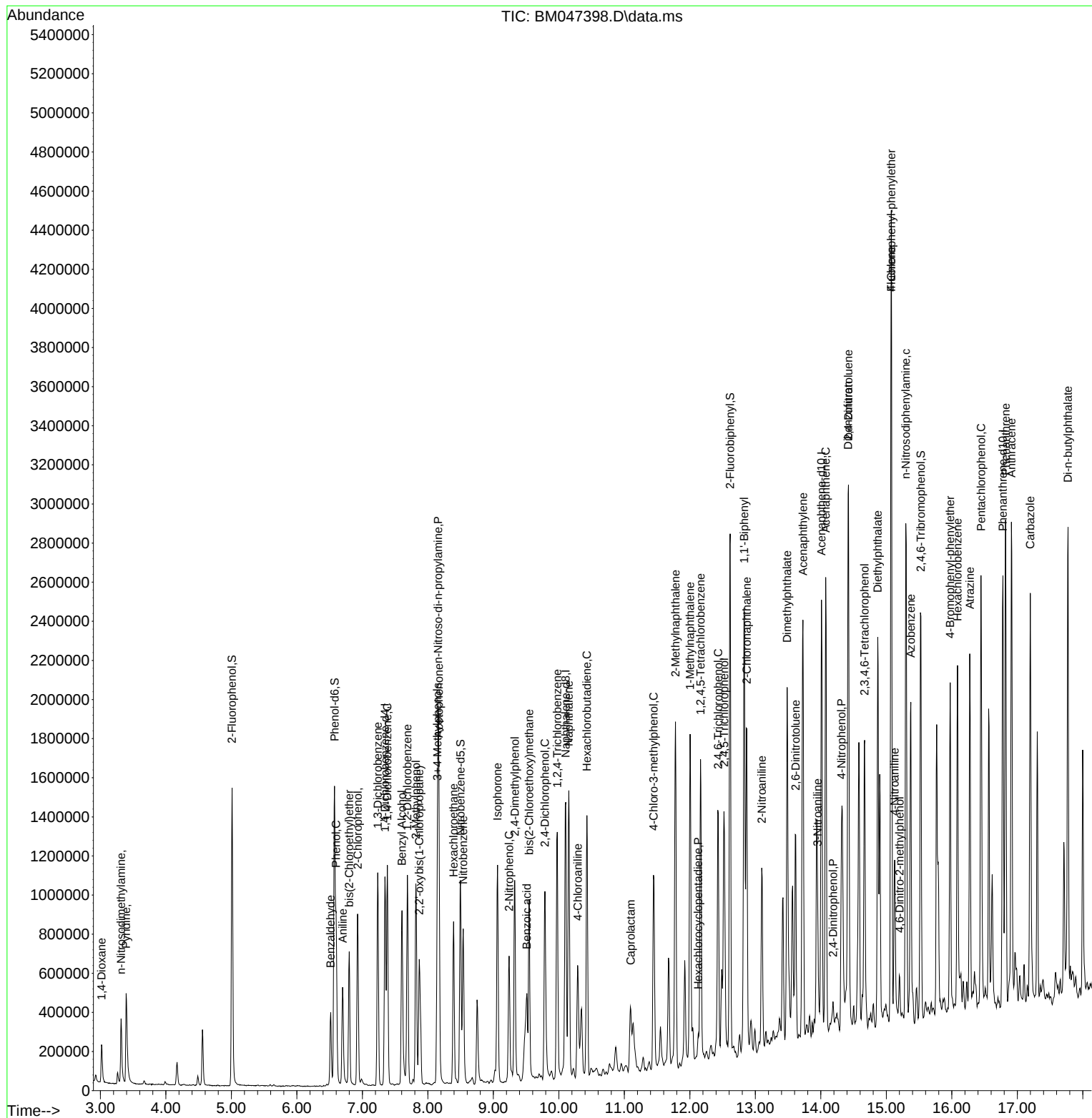
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.522	196	370594	21.621	ng	97
46) 1,1'-Biphenyl	12.828	154	1146683	21.599	ng	99
47) 2-Chloronaphthalene	12.869	162	892973	21.463	ng	99
48) 2-Nitroaniline	13.098	65	258886	22.214	ng	95
49) Acenaphthylene	13.728	152	1401653	23.181	ng	99
50) Dimethylphthalate	13.487	163	1117370	21.328	ng	100
51) 2,6-Dinitrotoluene	13.616	165	247431	20.285	ng	97
52) Acenaphthene	14.075	154	841657	21.926	ng	99
53) 3-Nitroaniline	13.951	138	194691	17.297	ng	95
54) 2,4-Dinitrophenol	14.187	184	45631	6.075	ng	94
55) Dibenzofuran	14.416	168	1345884	21.768	ng	98
56) 4-Nitrophenol	14.316	139	372199	42.304	ng	96
57) 2,4-Dinitrotoluene	14.422	165	319080	20.207	ng	98
58) Fluorene	15.075	166	1055531	21.094	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.669	232	309962	22.016	ng	# 98
60) Diethylphthalate	14.869	149	1097864	21.244	ng	100
61) 4-Chlorophenyl-phenyle...	15.075	204	533275	20.950	ng	98
62) 4-Nitroaniline	15.128	138	211930	20.354	ng	97
63) Azobenzene	15.375	77	919371	20.430	ng	97
65) 4,6-Dinitro-2-methylph...	15.204	198	41530	4.807	ng	83
66) n-Nitrosodiphenylamine	15.298	169	923968	23.991	ng	99
67) 4-Bromophenyl-phenylether	15.975	248	339670	22.876	ng	99
68) Hexachlorobenzene	16.086	284	369799	21.563	ng	99
69) Atrazine	16.275	200	343897	27.318	ng	99
70) Pentachlorophenol	16.445	266	443858	40.031	ng	99
71) Phenanthrene	16.822	178	1531978	22.412	ng	100
72) Anthracene	16.910	178	1548886	23.245	ng	99
73) Carbazole	17.198	167	1396590	21.841	ng	100
74) Di-n-butylphthalate	17.775	149	1791147	23.004	ng	100
75) Fluoranthene	18.857	202	1625154	20.248	ng	100
77) Benzidine	19.069	184	821928	51.552	ng	100
78) Pyrene	19.227	202	1669535	22.790	ng	100
80) Butylbenzylphthalate	20.157	149	655772	22.875	ng	100
81) Benzo(a)anthracene	21.004	228	1368500	21.970	ng	99
82) 3,3'-Dichlorobenzidine	20.945	252	453345	21.636	ng	99
83) Chrysene	21.063	228	1289113	22.001	ng	100
84) Bis(2-ethylhexyl)phtha...	20.957	149	920054	22.708	ng	# 99
85) Di-n-octyl phthalate	21.986	149	1517021	22.245	ng	99
87) Indeno(1,2,3-cd)pyrene	26.745	276	1561919	22.657	ng	99
88) Benzo(b)fluoranthene	22.880	252	1346548	20.958	ng	99
89) Benzo(k)fluoranthene	22.933	252	1280893	21.031	ng	99
90) Benzo(a)pyrene	23.604	252	1272611	22.904	ng	99
91) Dibenzo(a,h)anthracene	26.780	278	1254793	22.468	ng	99
92) Benzo(g,h,i)perylene	27.680	276	1190930	20.512	ng	99

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

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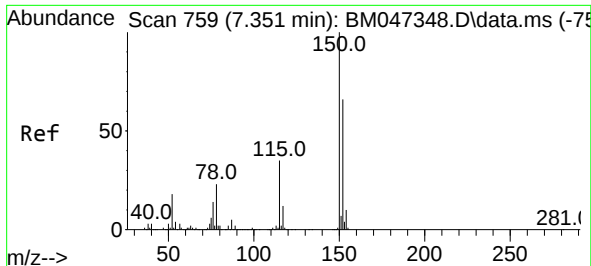
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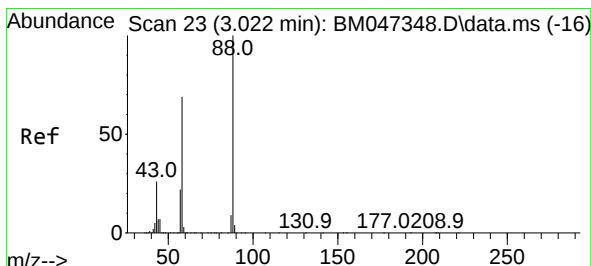
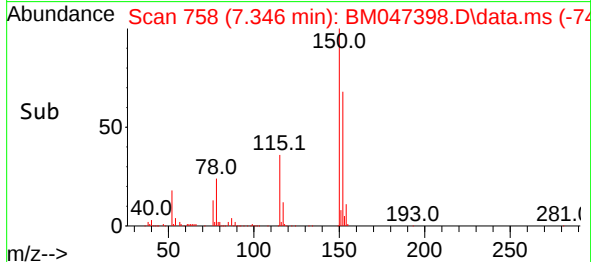
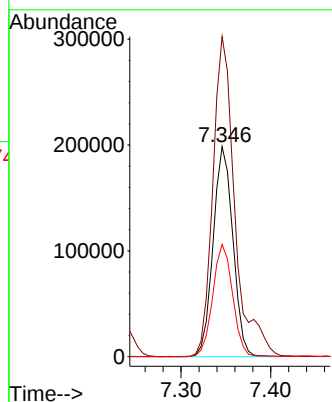
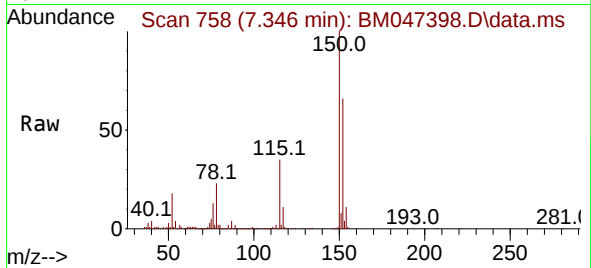




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.346 min Scan# 7
 Delta R.T. -0.005 min
 Lab File: BM047398.D
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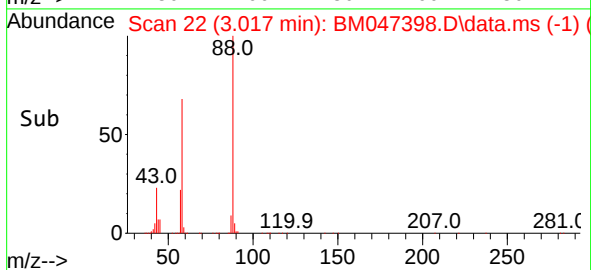
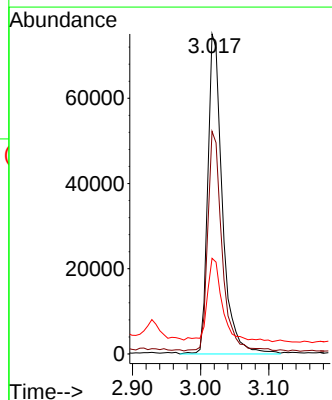
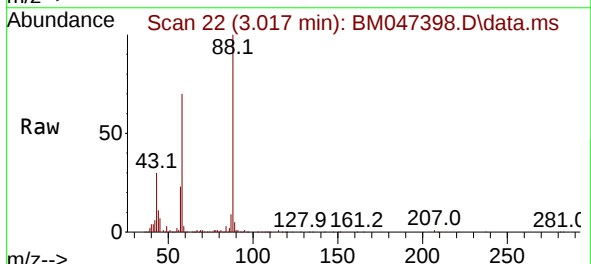
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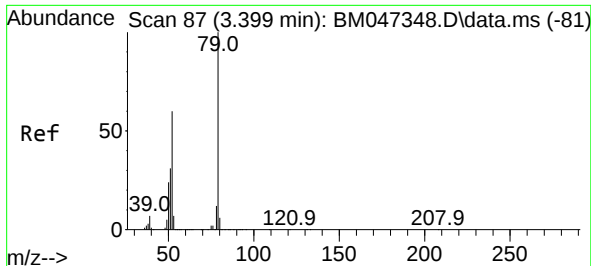
Tgt Ion:152 Resp: 304090
 Ion Ratio Lower Upper
 152 100
 150 152.3 121.3 181.9
 115 53.4 42.6 64.0



#2
 1,4-Dioxane
 Concen: 17.236 ng
 RT: 3.017 min Scan# 22
 Delta R.T. -0.005 min
 Lab File: BM047398.D
 Acq: 29 Aug 2024 17:45

Tgt Ion: 88 Resp: 111822
 Ion Ratio Lower Upper
 88 100
 58 66.8 55.4 83.0
 43 27.5 20.7 31.1

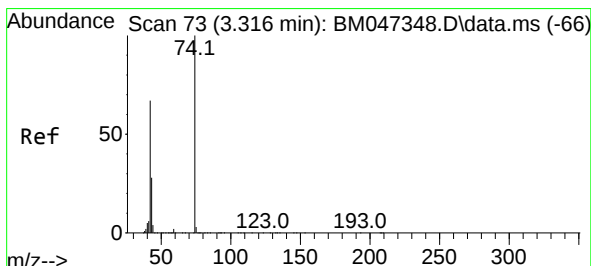
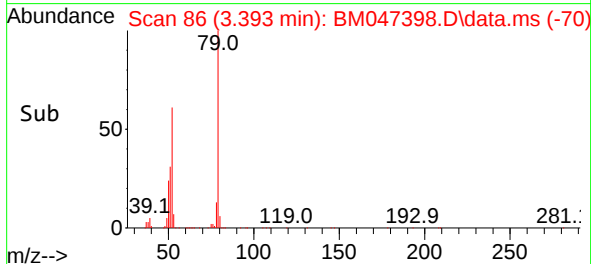
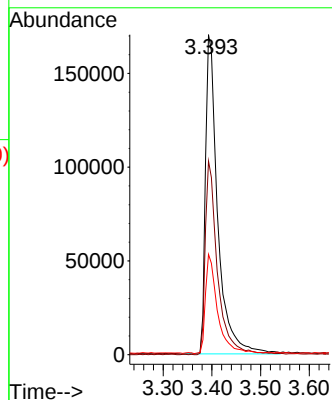
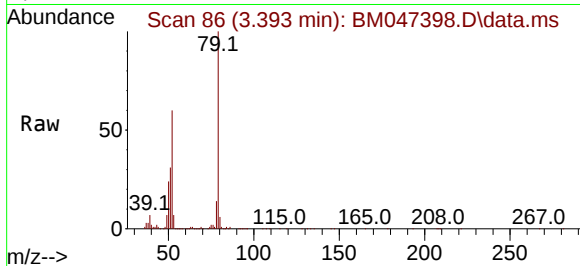




#3
 Pyridine
 Concen: 16.565 ng
 RT: 3.393 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM047398.D
 Acq: 29 Aug 2024 17:45

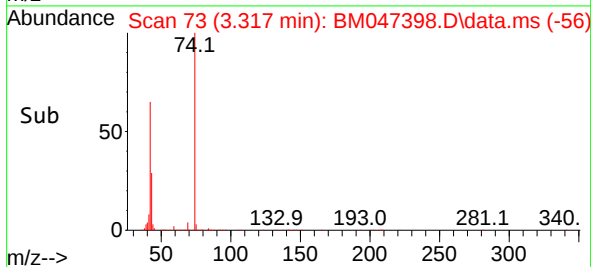
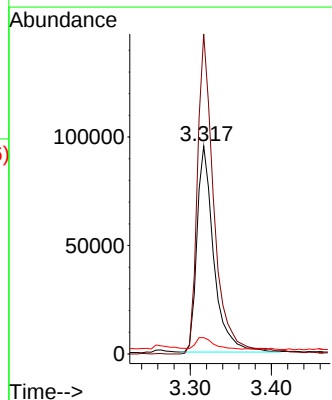
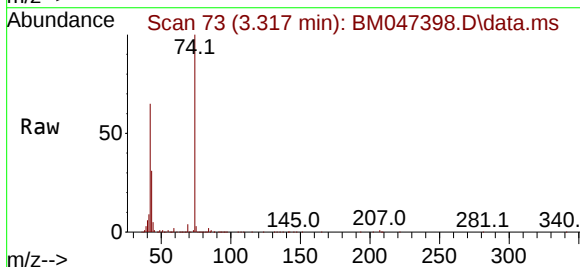
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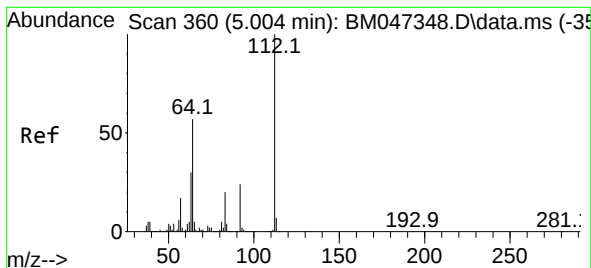
Tgt Ion: 79 Resp: 298275
 Ion Ratio Lower Upper
 79 100
 52 60.5 47.8 71.6
 51 31.3 25.0 37.4



#4
 n-Nitrosodimethylamine
 Concen: 18.651 ng
 RT: 3.317 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: BM047398.D
 Acq: 29 Aug 2024 17:45

Tgt Ion: 42 Resp: 136771
 Ion Ratio Lower Upper
 42 100
 74 153.9 119.2 178.8
 44 7.9 5.2 7.8





#5

2-Fluorophenol

Concen: 43.745 ng

RT: 5.011 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM047398.D

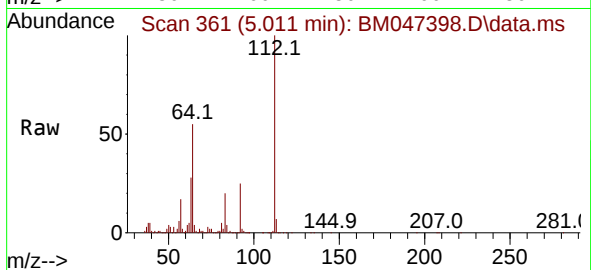
Acq: 29 Aug 2024 17:45

Instrument :

BNA_M

ClientSampleId :

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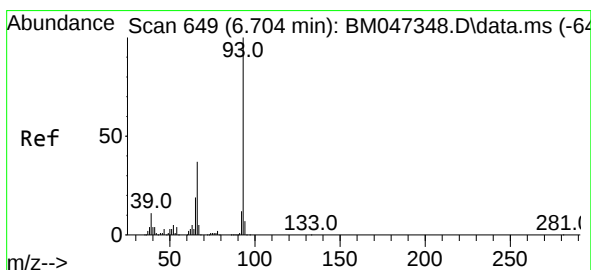
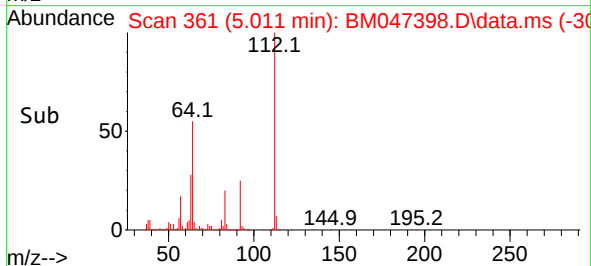
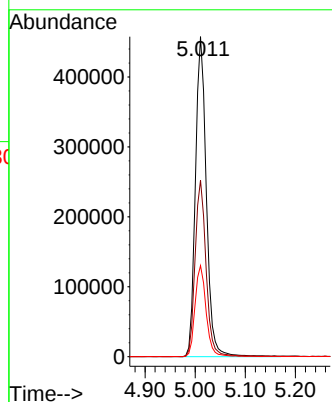
Tgt Ion:112 Resp: 693350

Ion Ratio Lower Upper

112 100

64 55.1 45.7 68.5

63 28.4 23.8 35.8



#6

Aniline

Concen: 17.589 ng

RT: 6.699 min Scan# 648

Delta R.T. -0.005 min

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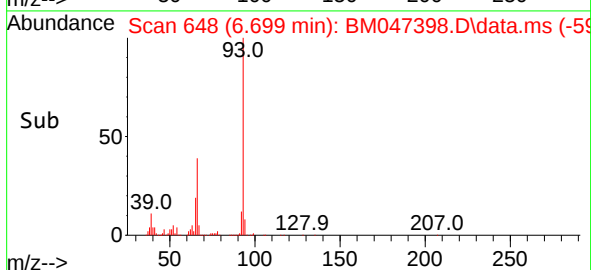
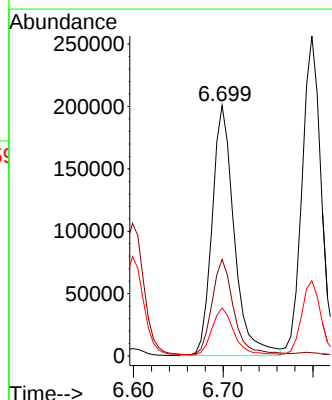
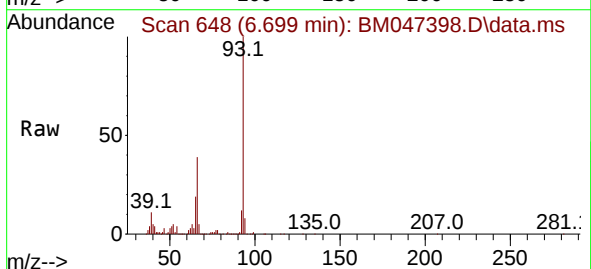
Tgt Ion: 93 Resp: 343964

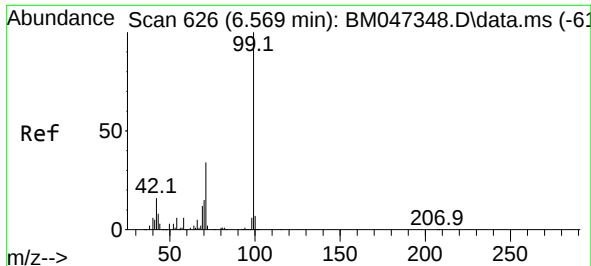
Ion Ratio Lower Upper

93 100

66 38.5 30.0 45.0

65 19.2 15.5 23.3





#7

Phenol-d6

Concen: 42.246 ng

RT: 6.575 min Scan# 61

Delta R.T. 0.006 min

Lab File: BM047398.D

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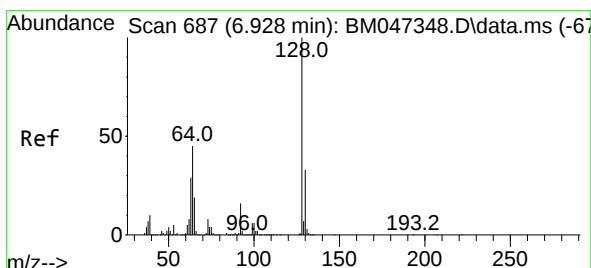
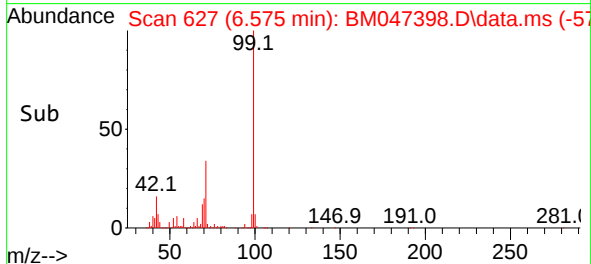
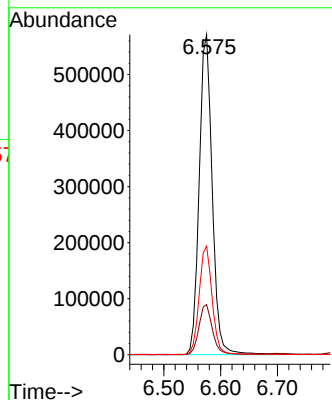
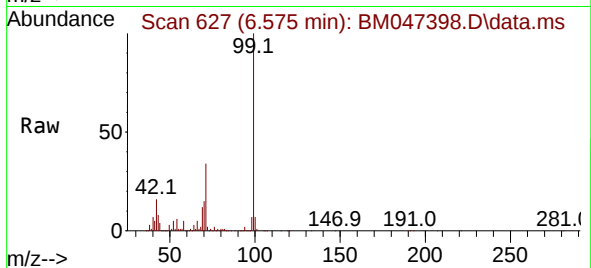
Tgt Ion: 99 Resp: 912156

Ion Ratio Lower Upper

99 100

42 15.7 13.0 19.4

71 33.9 27.5 41.3



#8

2-Chlorophenol

Concen: 22.699 ng

RT: 6.928 min Scan# 687

Delta R.T. 0.000 min

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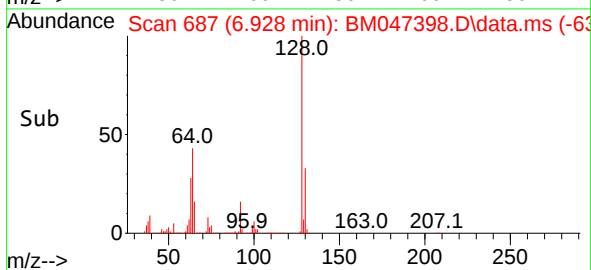
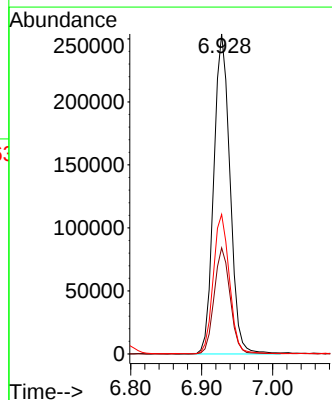
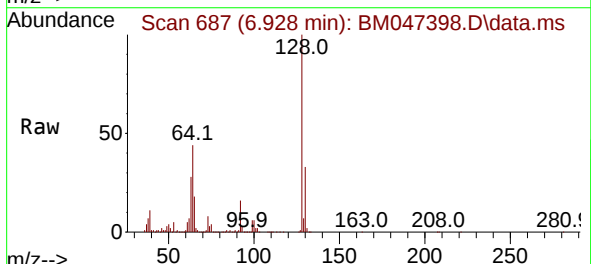
Tgt Ion: 128 Resp: 402693

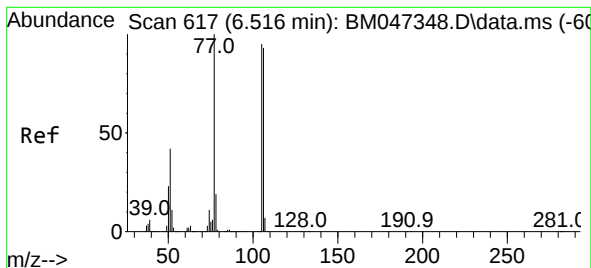
Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

64 43.6 25.3 65.3

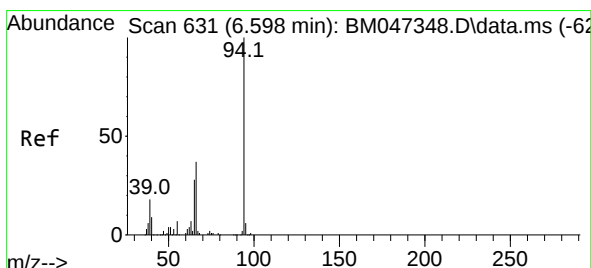
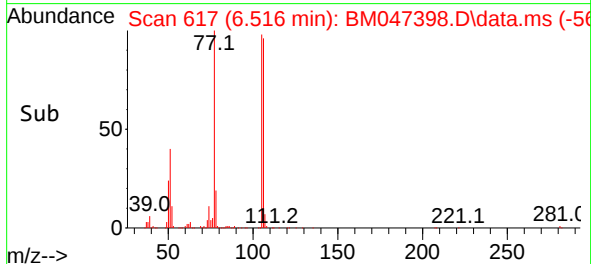
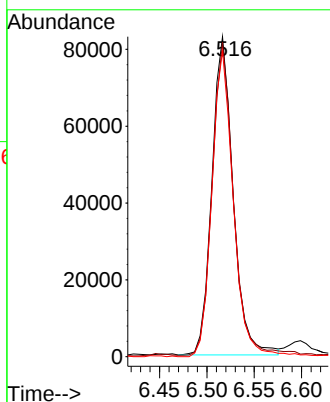
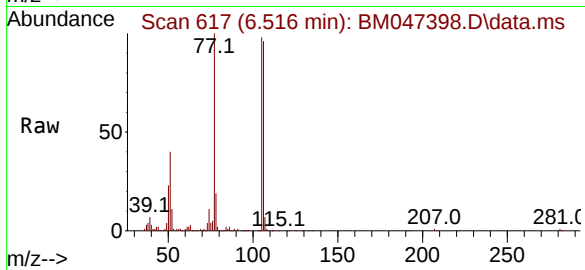




#9
Benzaldehyde
Concen: 8.372 ng
RT: 6.516 min Scan# 617
Delta R.T. 0.000 min
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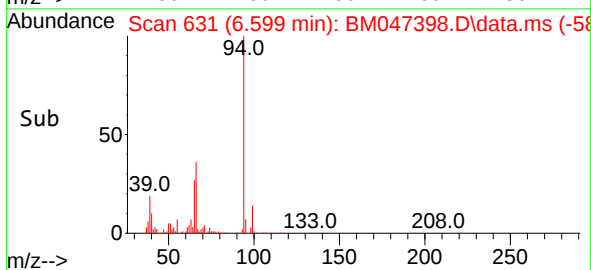
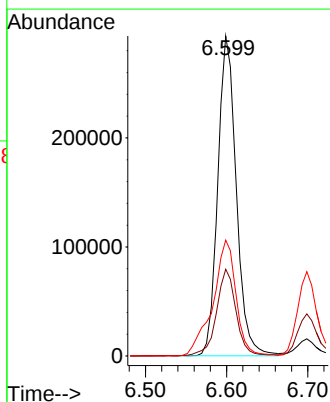
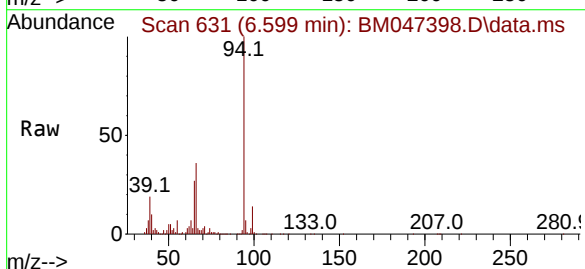
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ClientSampleId :
AU-06-082824MSD

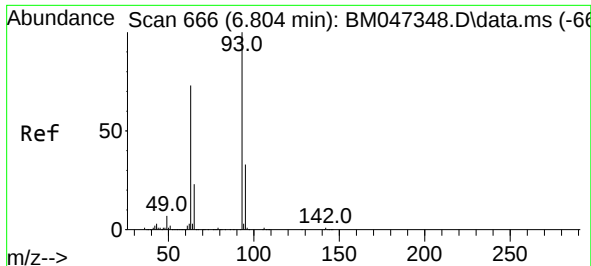
Tgt Ion: 77 Resp: 129091
Ion Ratio Lower Upper
77 100
105 98.2 74.9 114.9
106 95.5 72.6 112.6



#10
Phenol
Concen: 21.881 ng
RT: 6.599 min Scan# 631
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion: 94 Resp: 464825
Ion Ratio Lower Upper
94 100
65 27.1 7.9 47.9
66 36.2 17.3 57.3

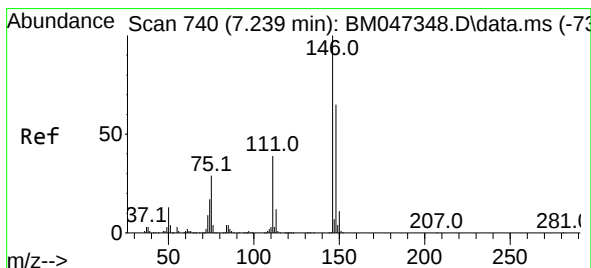
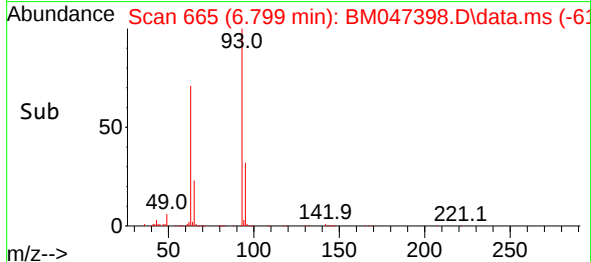
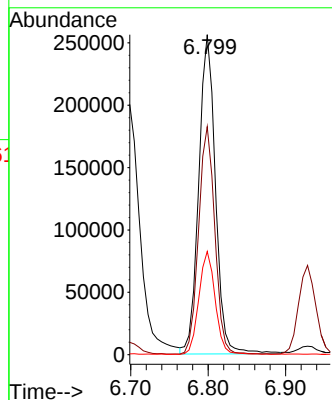
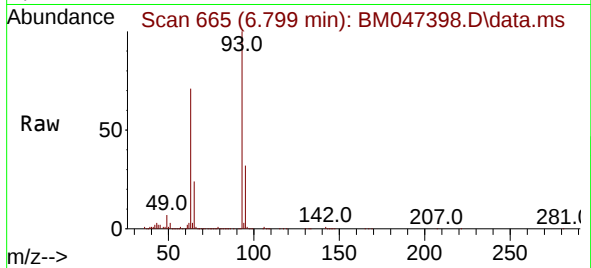




#11
bis(2-Chloroethyl)ether
Concen: 20.873 ng
RT: 6.799 min Scan# 666
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

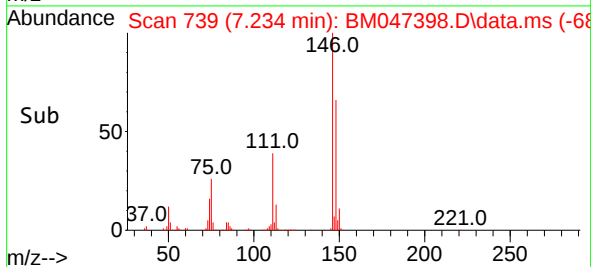
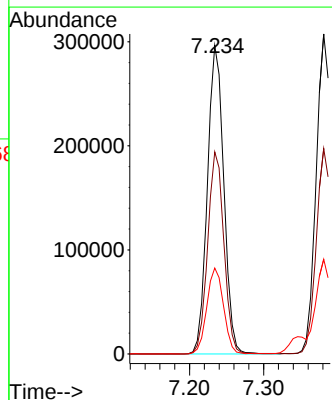
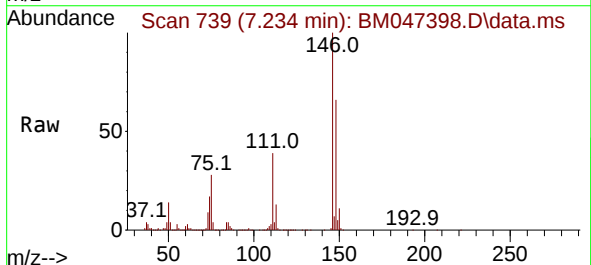
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

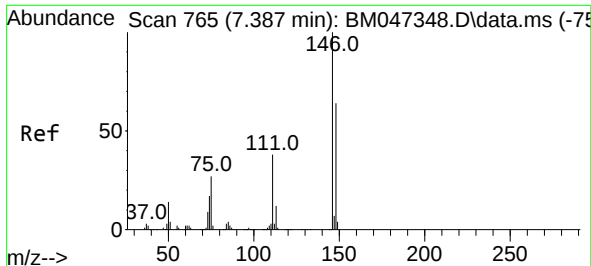
Tgt Ion: 93 Resp: 384250
Ion Ratio Lower Upper
93 100
63 71.2 52.2 92.2
95 32.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 20.998 ng
RT: 7.234 min Scan# 739
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion: 146 Resp: 455531
Ion Ratio Lower Upper
146 100
148 65.5 51.6 77.4
75 27.9 23.3 34.9

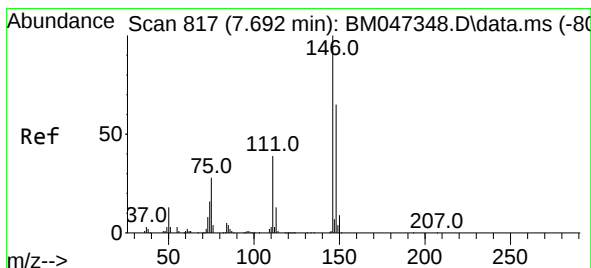
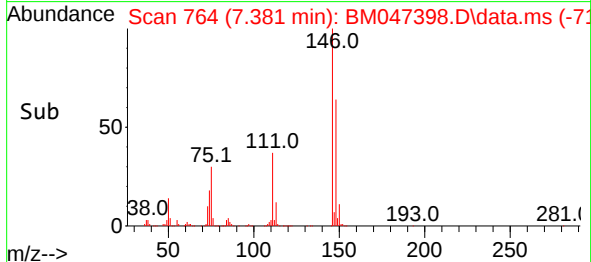
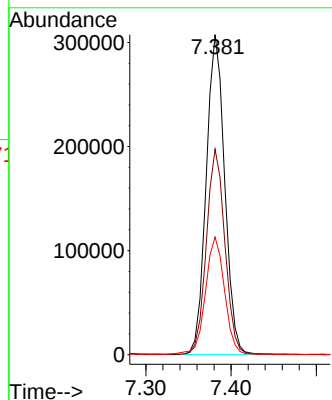
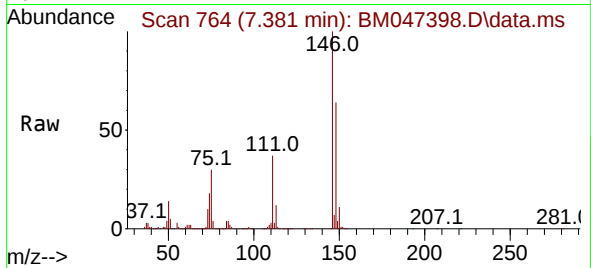




#13
1,4-Dichlorobenzene
Concen: 21.019 ng
RT: 7.381 min Scan# 764
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

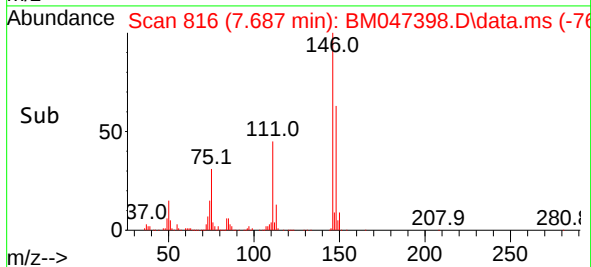
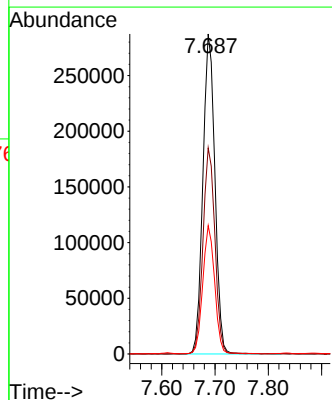
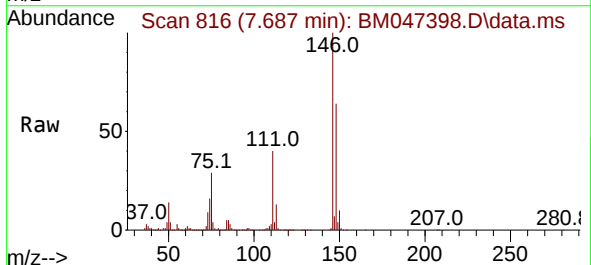
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

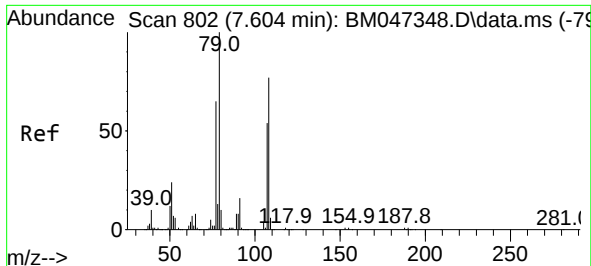
Tgt Ion:146 Resp: 461800
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 36.8 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 21.595 ng
RT: 7.687 min Scan# 816
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:146 Resp: 449620
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
111 40.1 31.7 47.5

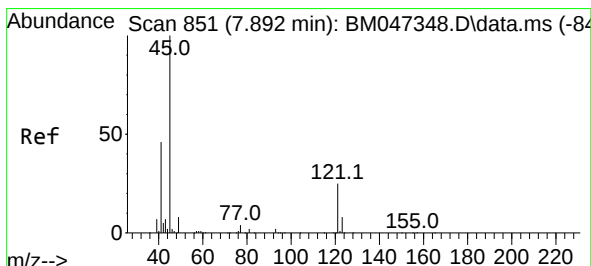
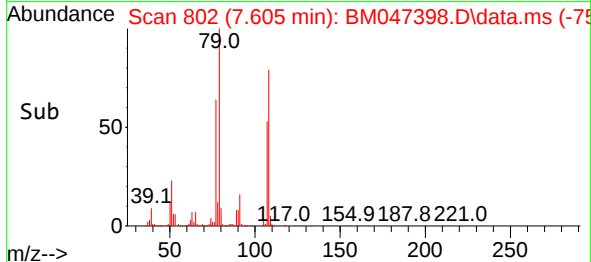
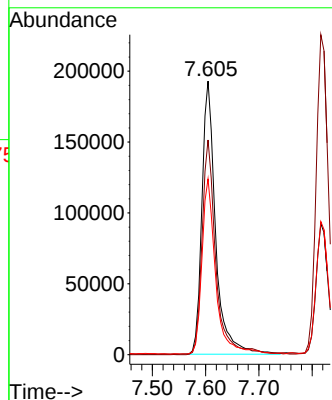
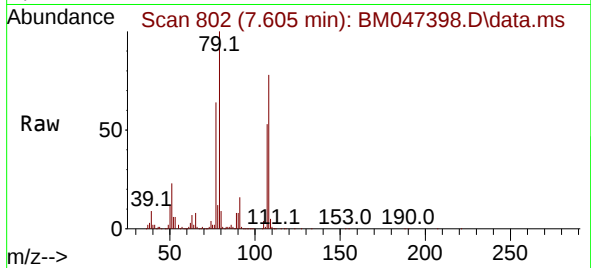




#15
Benzyl Alcohol
Concen: 23.073 ng
RT: 7.605 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

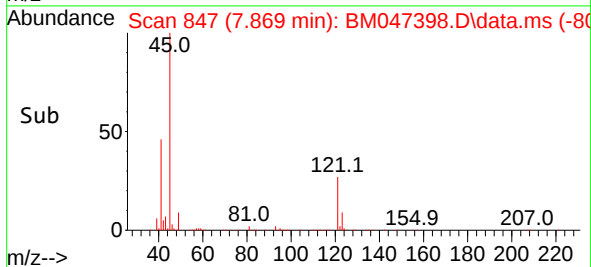
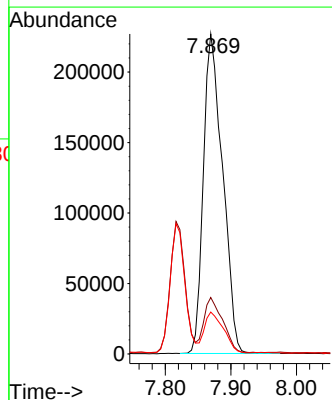
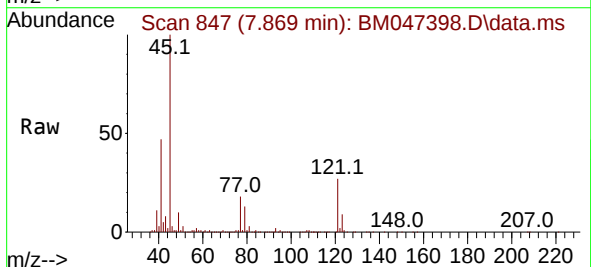
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

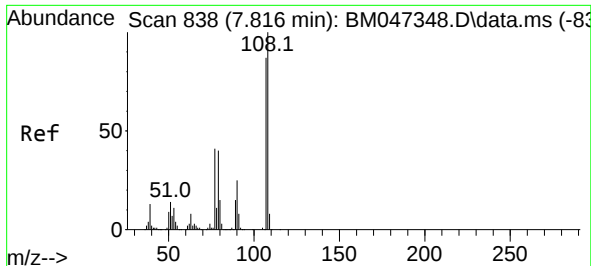
Tgt Ion: 79 Resp: 345381
Ion Ratio Lower Upper
79 100
108 78.5 61.1 91.7
77 64.3 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.987 ng
RT: 7.869 min Scan# 847
Delta R.T. -0.023 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion: 45 Resp: 463256
Ion Ratio Lower Upper
45 100
77 17.6 0.0 36.7
79 13.1 0.0 33.0

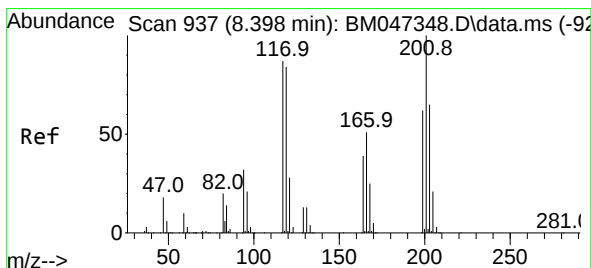
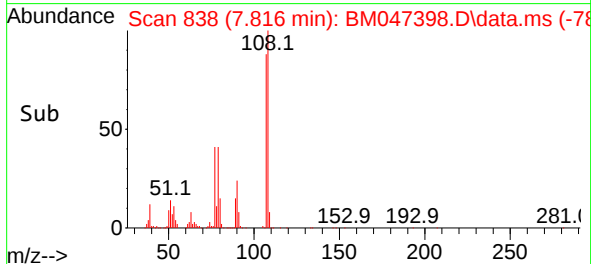
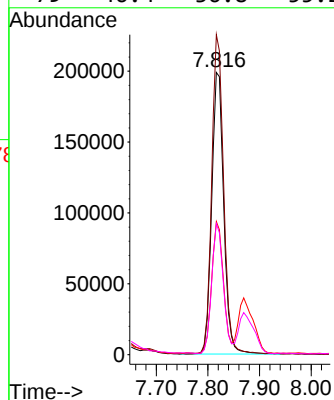
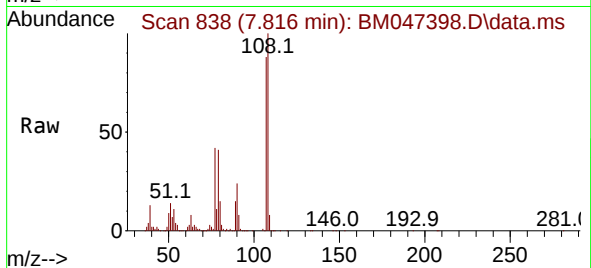




#17
2-Methylphenol
Concen: 21.821 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

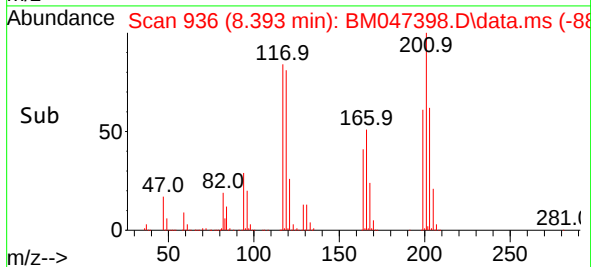
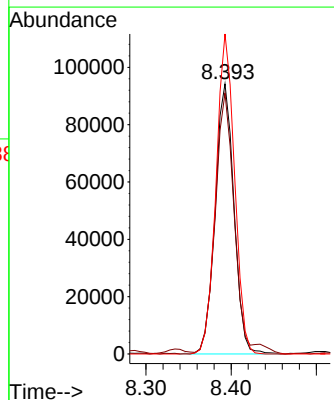
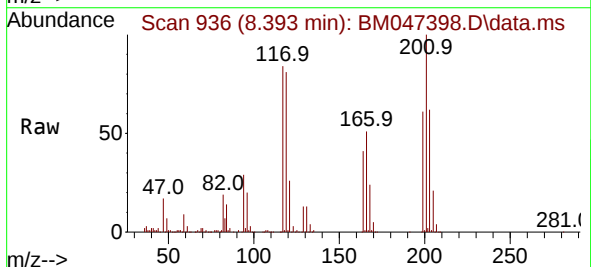
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

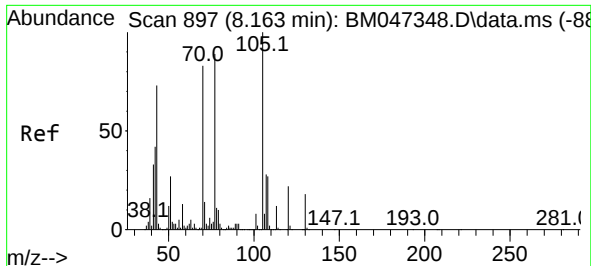
Tgt Ion:	107	Resp:	322065
Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.6	137.4
77	47.2	38.0	57.0
79	46.4	36.8	55.2



#18
Hexachloroethane
Concen: 17.608 ng
RT: 8.393 min Scan# 936
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:	117	Resp:	144615
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.8	116.8
201	118.5	92.3	138.5



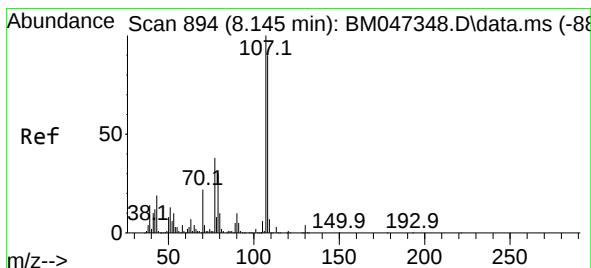
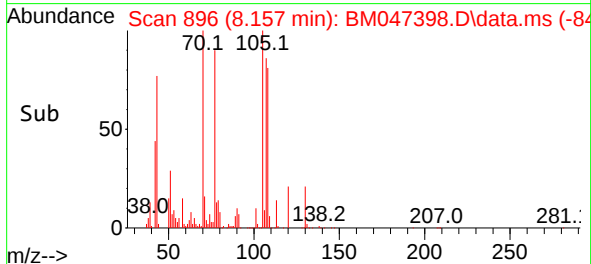
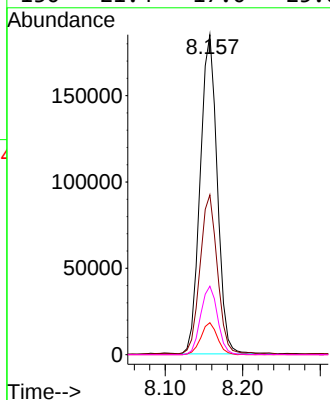
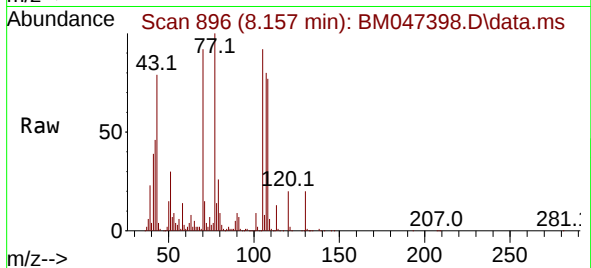


#19
n-Nitroso-di-n-propylamine
Concen: 18.984 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

Tgt Ion: 70 Resp: 281769

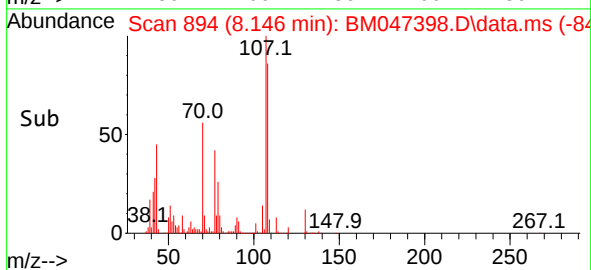
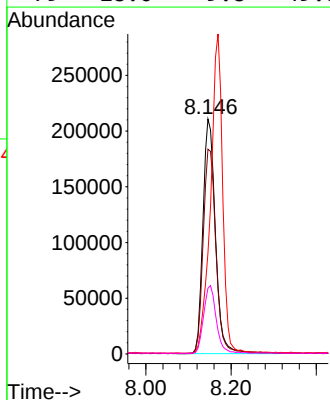
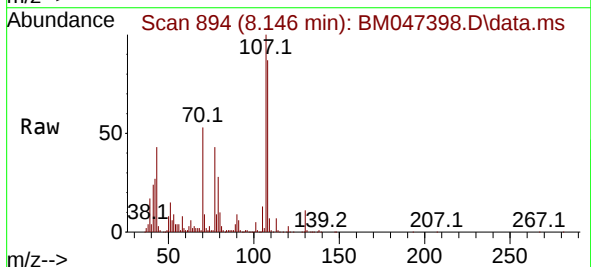
Ion	Ratio	Lower	Upper
70	100		
42	49.9	41.0	61.4
101	10.0	7.9	11.9
130	21.4	17.0	25.6

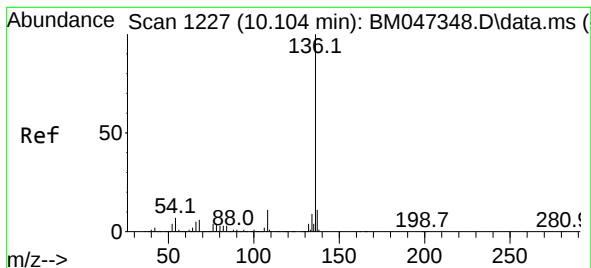


#20
3+4-Methylphenols
Concen: 20.992 ng
RT: 8.146 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion: 107 Resp: 430766

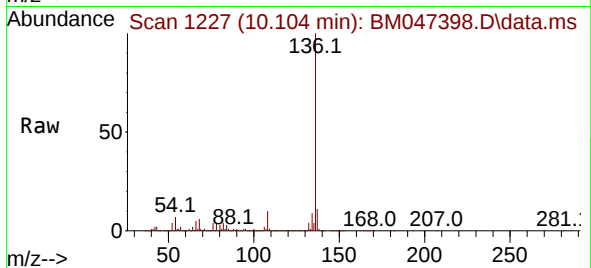
Ion	Ratio	Lower	Upper
107	100		
108	87.2	69.8	109.8
77	43.1	18.0	58.0
79	28.0	9.8	49.8



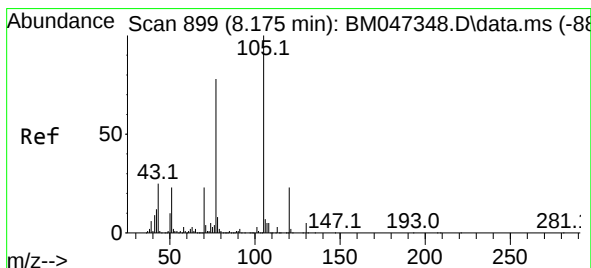
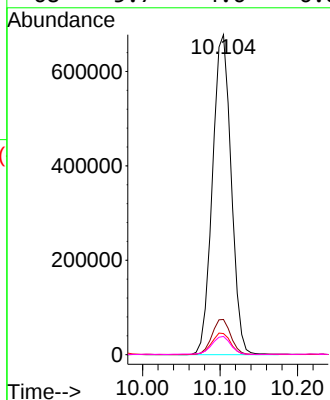
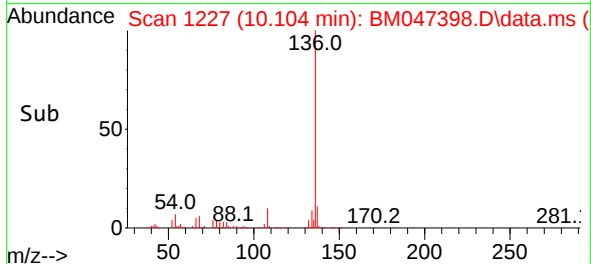


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

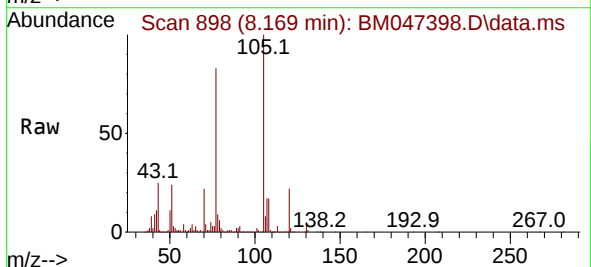
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD



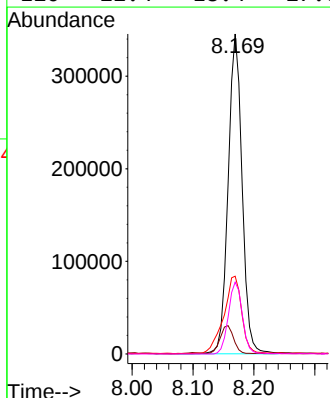
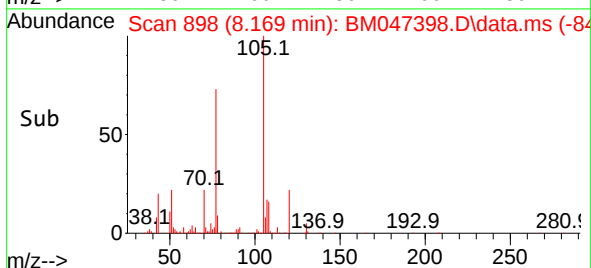
Tgt Ion:136 Resp: 1137395
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.6 5.2 7.8
68 5.7 4.6 6.8

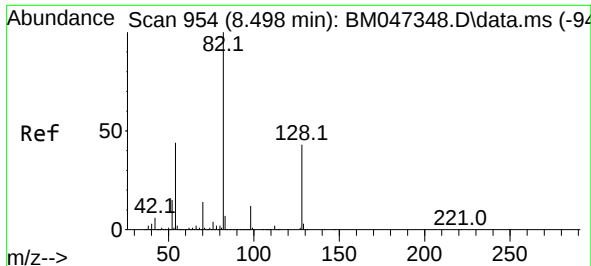


#22
Acetophenone
Concen: 20.836 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45



Tgt Ion:105 Resp: 550006
Ion Ratio Lower Upper
105 100
71 3.5 3.1 4.7
51 24.3 18.7 28.1
120 22.4 18.4 27.6

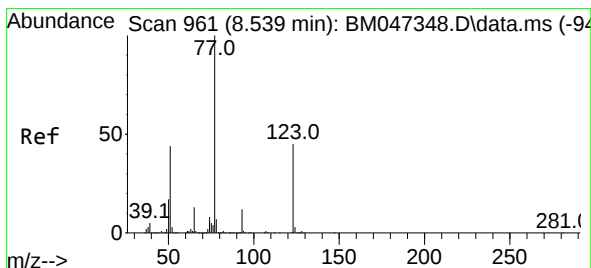
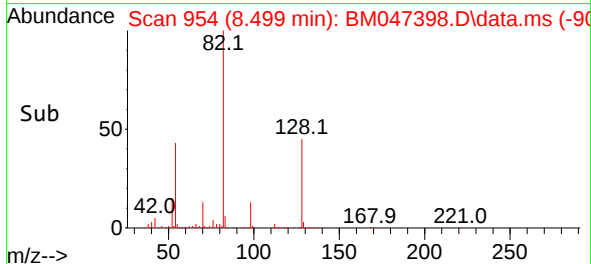
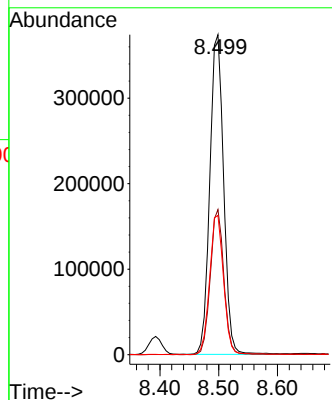
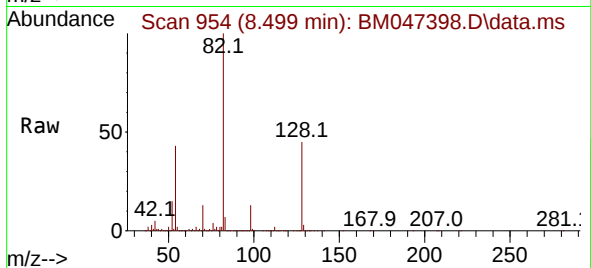




#23
Nitrobenzene-d5
Concen: 29.871 ng
RT: 8.499 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

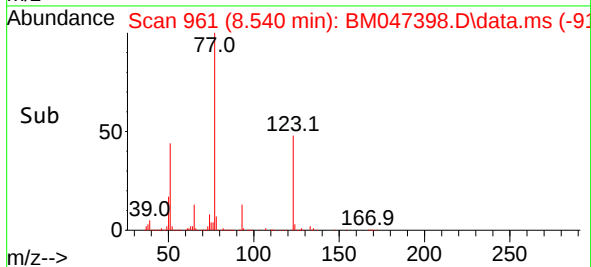
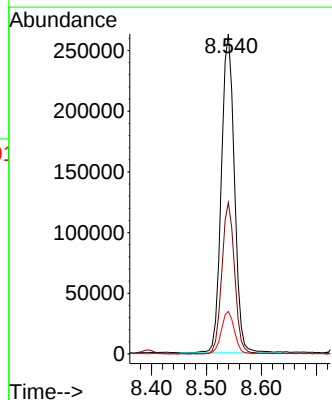
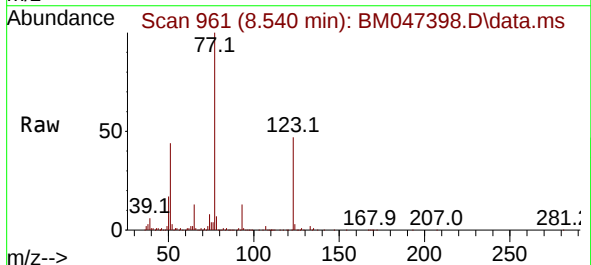
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

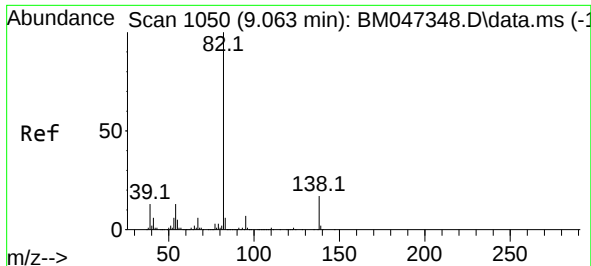
Tgt Ion: 82 Resp: 612327
Ion Ratio Lower Upper
82 100
128 45.3 34.6 51.8
54 43.5 35.5 53.3



#24
Nitrobenzene
Concen: 20.609 ng
RT: 8.540 min Scan# 961
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion: 77 Resp: 434490
Ion Ratio Lower Upper
77 100
123 47.3 35.6 53.4
65 13.3 10.5 15.7

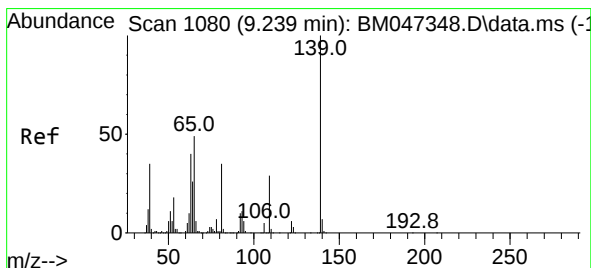
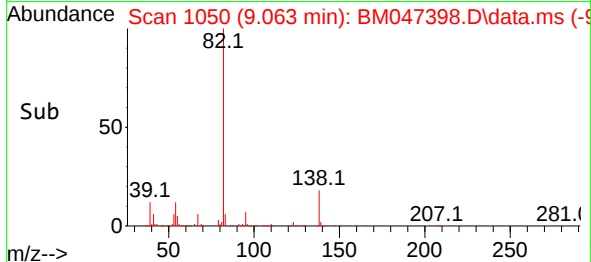
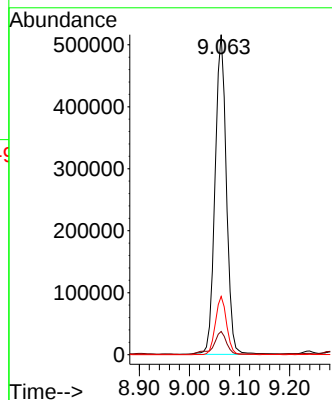
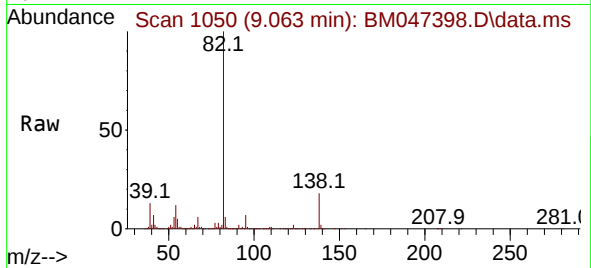




#25
Isophorone
Concen: 20.836 ng
RT: 9.063 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

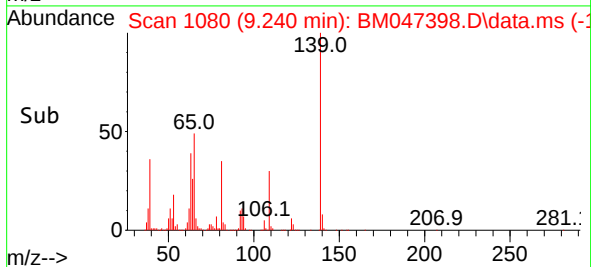
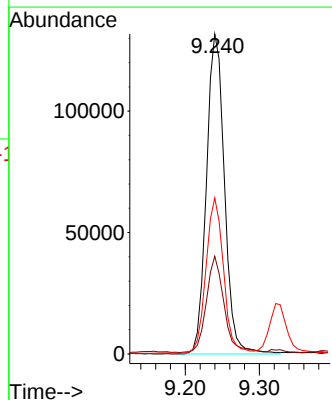
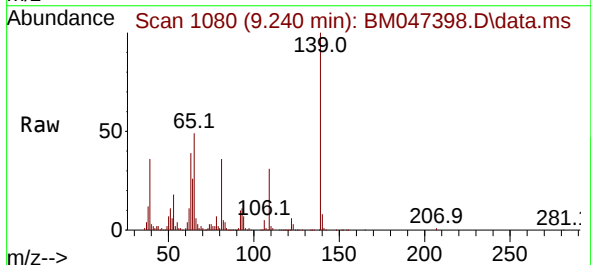
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

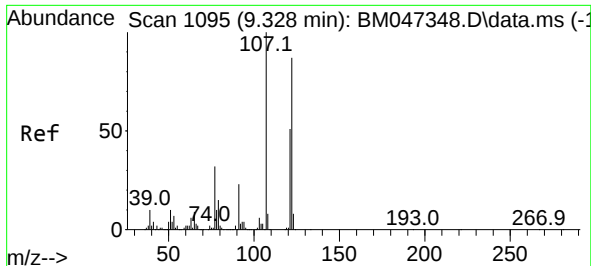
Tgt Ion: 82 Resp: 807243
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.2 13.9 20.9



#26
2-Nitrophenol
Concen: 21.471 ng
RT: 9.240 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:139 Resp: 222663
Ion Ratio Lower Upper
139 100
109 30.6 23.4 35.0
65 48.8 39.6 59.4

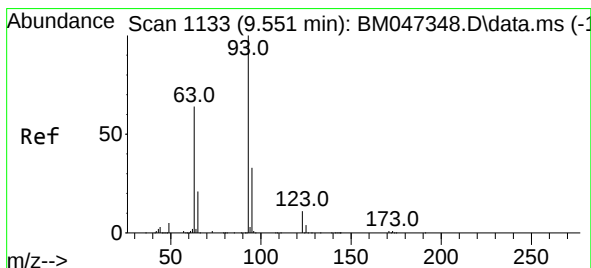
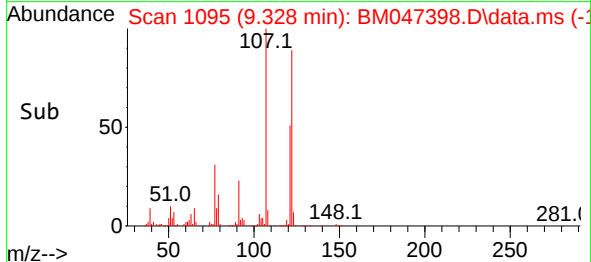
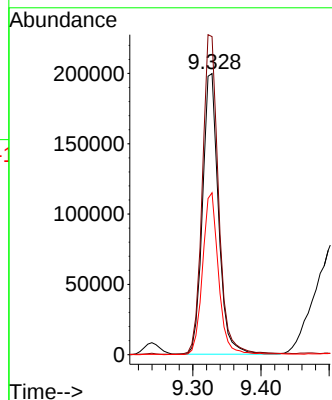
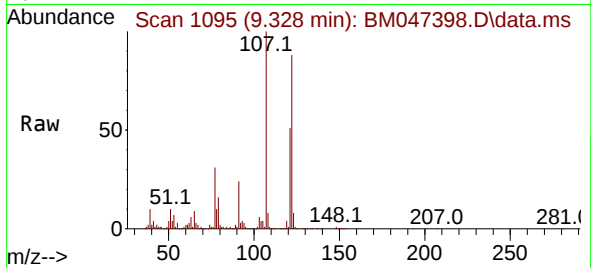




#27
2,4-Dimethylphenol
Concen: 27.709 ng
RT: 9.328 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

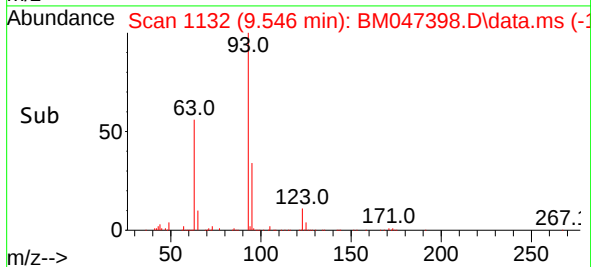
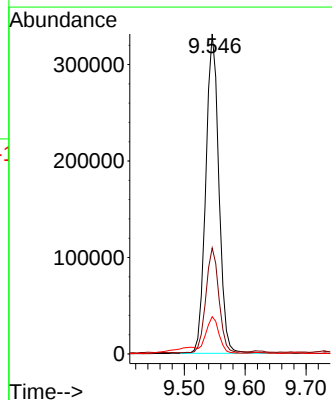
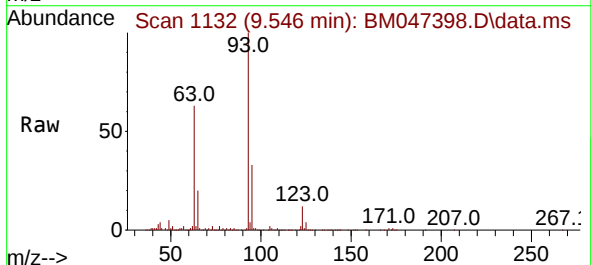
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

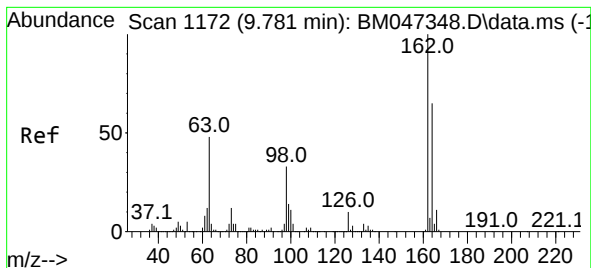
Tgt Ion:122 Resp: 324351
Ion Ratio Lower Upper
122 100
107 113.1 91.9 137.9
121 57.6 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 20.883 ng
RT: 9.546 min Scan# 1132
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion: 93 Resp: 495433
Ion Ratio Lower Upper
93 100
95 33.2 26.6 39.8
123 11.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 23.167 ng

RT: 9.787 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

Instrument :

BNA_M

ClientSampleId :

AU-06-082824MSD

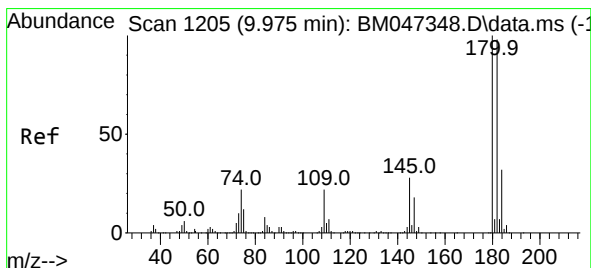
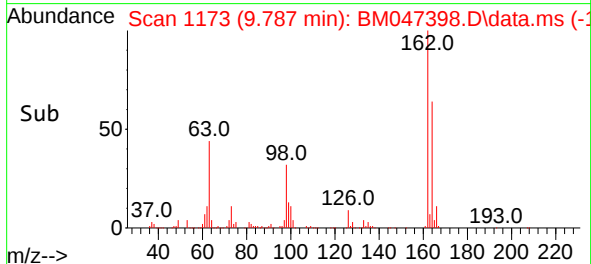
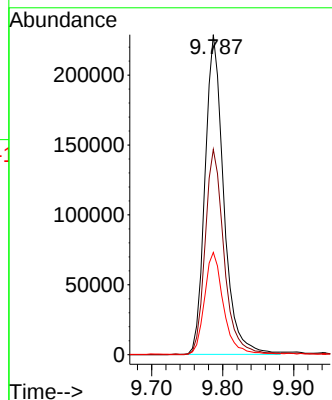
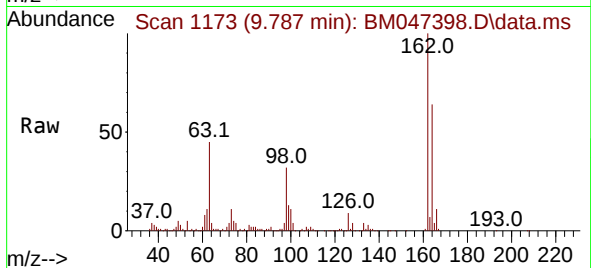
Tgt Ion:162 Resp: 420676

Ion Ratio Lower Upper

162 100

164 64.2 44.6 84.6

98 32.0 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 21.592 ng

RT: 9.975 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

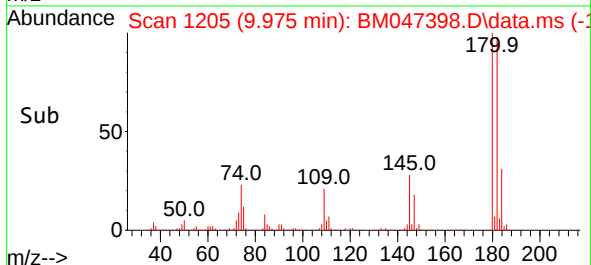
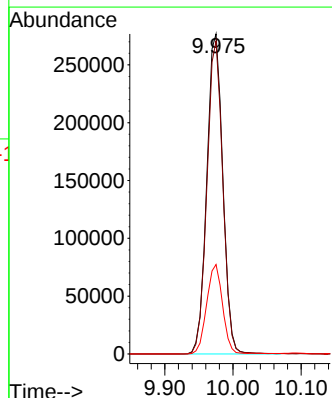
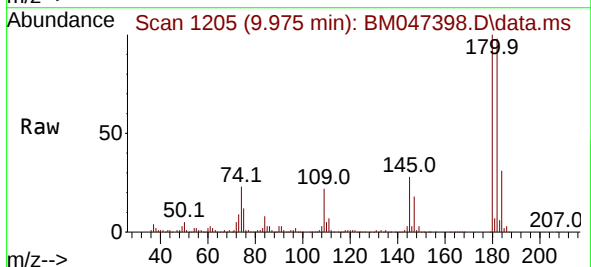
Tgt Ion:180 Resp: 452856

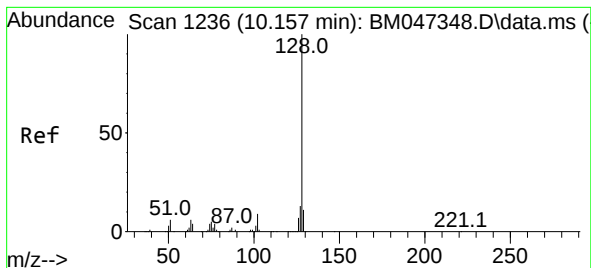
Ion Ratio Lower Upper

180 100

182 97.8 78.2 117.2

145 28.0 22.3 33.5

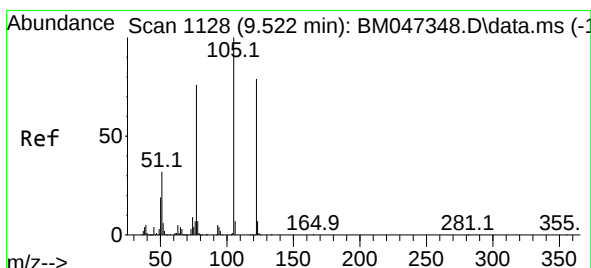
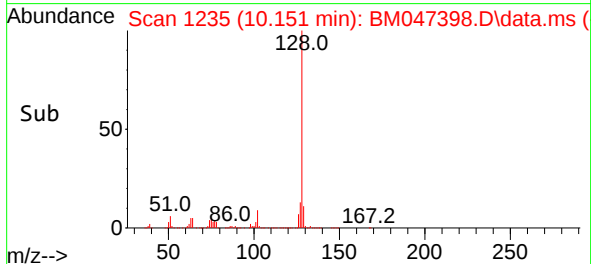
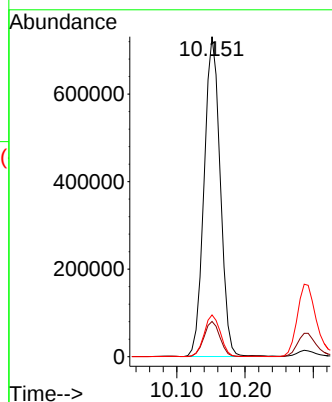
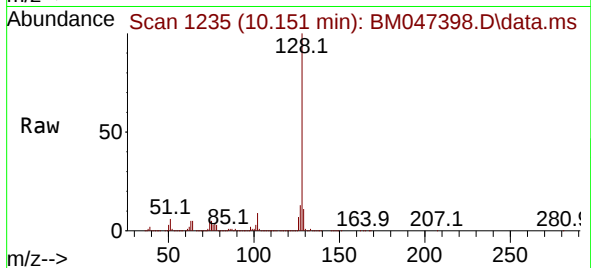




#31
Naphthalene
Concen: 21.616 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

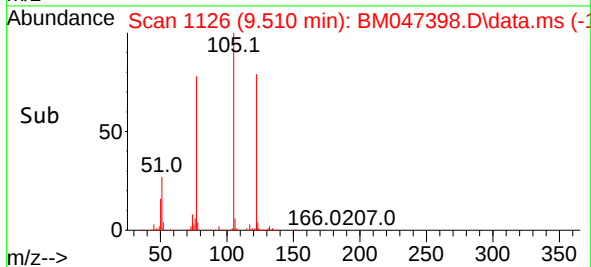
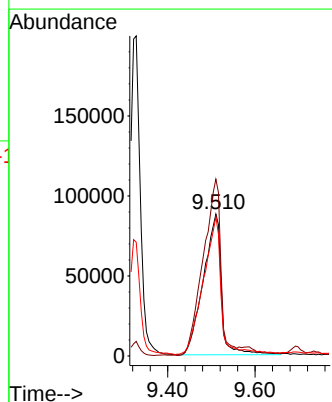
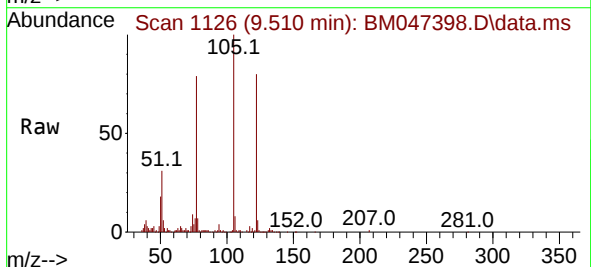
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

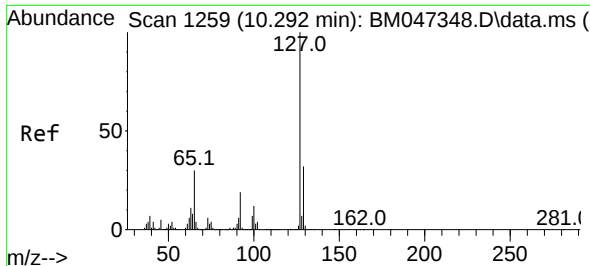
Tgt Ion:128 Resp: 1200824
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 18.105 ng
RT: 9.510 min Scan# 1126
Delta R.T. -0.012 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:122 Resp: 253066
Ion Ratio Lower Upper
122 100
105 124.5 106.0 146.0
77 98.0 76.3 116.3

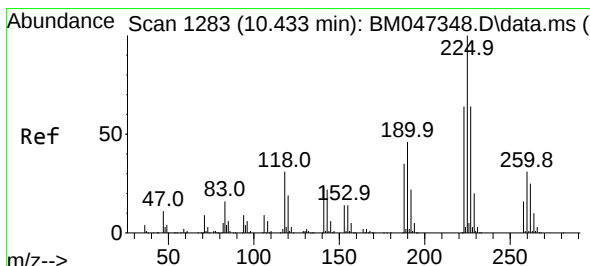
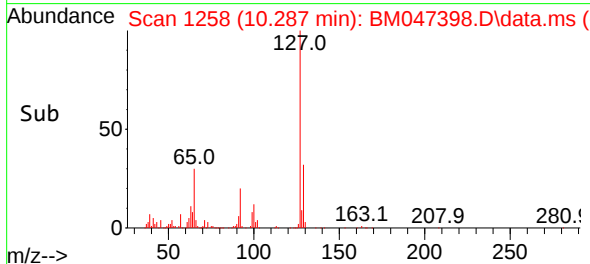
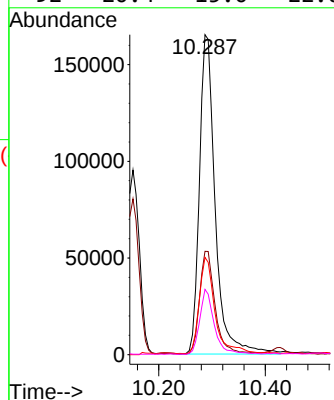
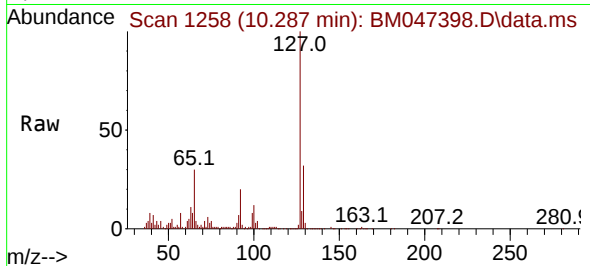




#33
4-Chloroaniline
Concen: 16.475 ng
RT: 10.287 min Scan# 1258
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

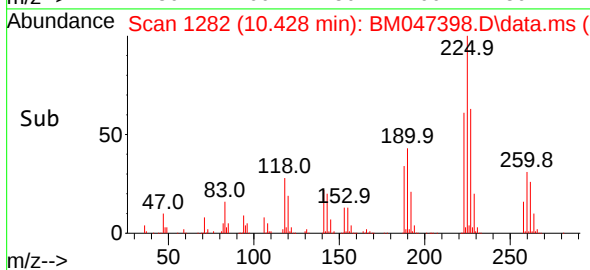
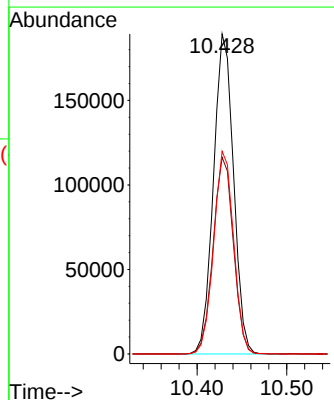
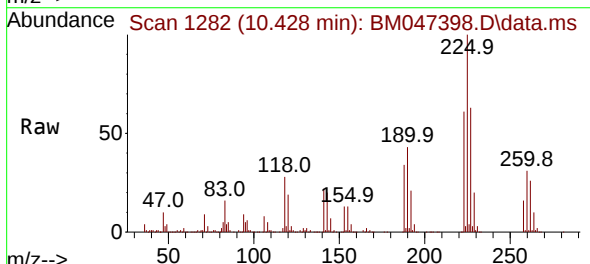
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

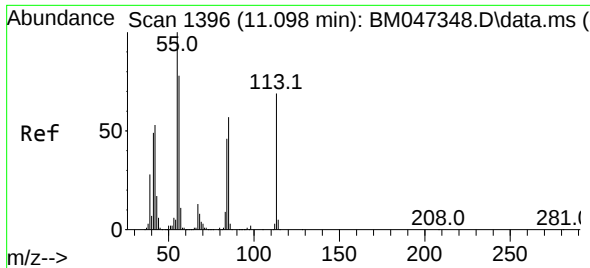
Tgt Ion:	127	Resp:	340300
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	30.4	24.2	36.2
92	20.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 22.403 ng
RT: 10.428 min Scan# 1282
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:	225	Resp:	293446
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.1	76.7
227	63.3	51.0	76.6

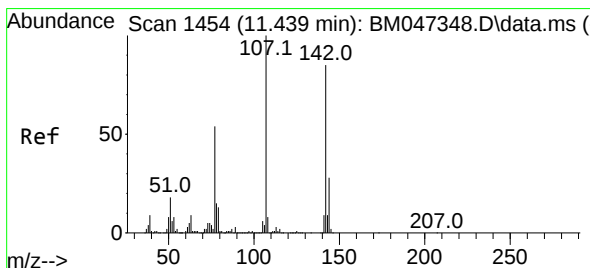
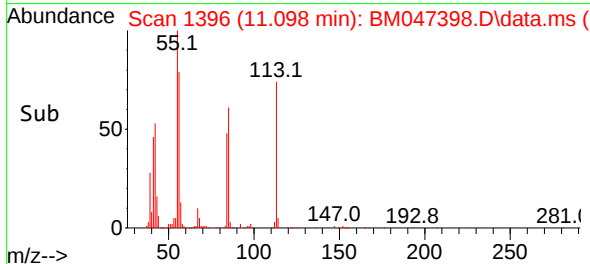
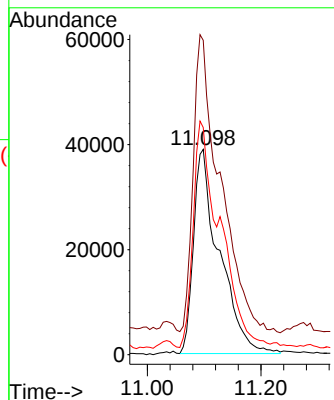
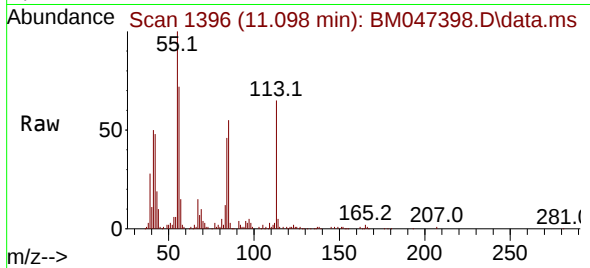




#35
 Caprolactam
 Concen: 20.827 ng
 RT: 11.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BM047398.D
 Acq: 29 Aug 2024 17:45

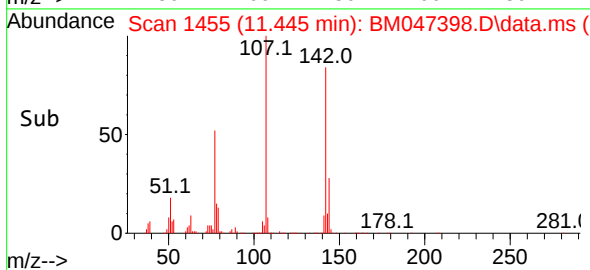
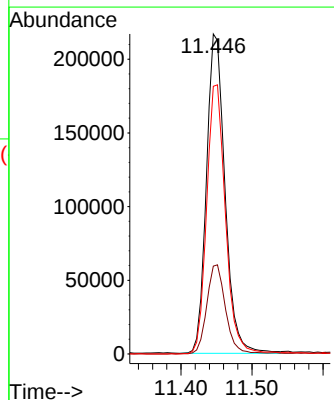
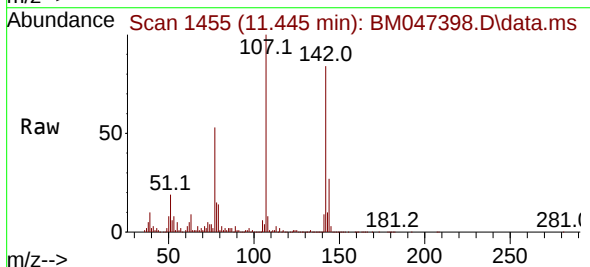
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-082824MSD

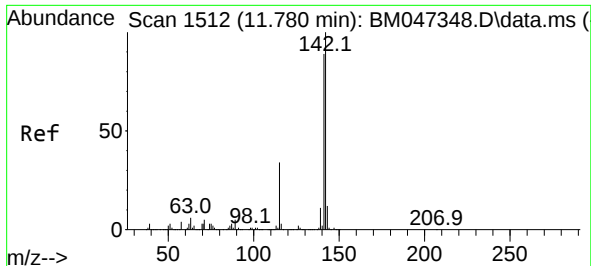
Tgt Ion:113 Resp: 122508
 Ion Ratio Lower Upper
 113 100
 55 153.2 126.2 166.2
 56 110.7 93.2 133.2



#36
 4-Chloro-3-methylphenol
 Concen: 21.419 ng
 RT: 11.445 min Scan# 1455
 Delta R.T. 0.006 min
 Lab File: BM047398.D
 Acq: 29 Aug 2024 17:45

Tgt Ion:107 Resp: 394955
 Ion Ratio Lower Upper
 107 100
 144 27.5 22.2 33.4
 142 83.7 67.7 101.5

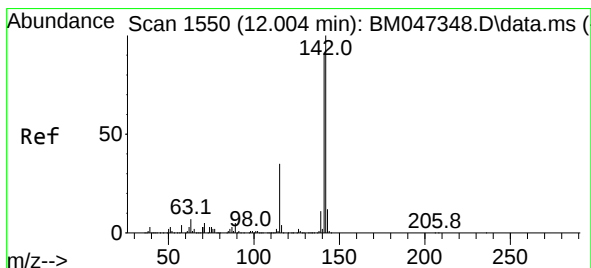
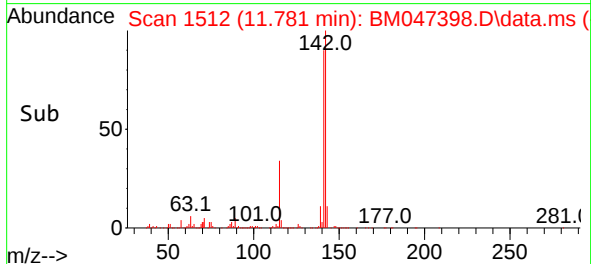
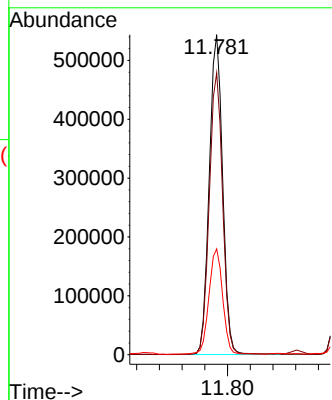
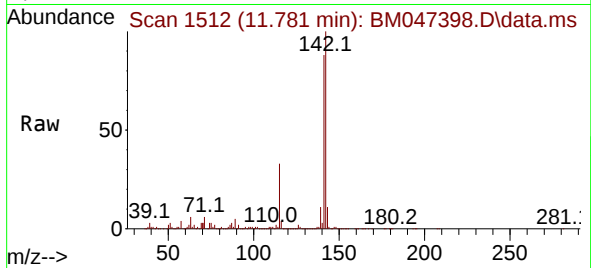




#37
2-Methylnaphthalene
Concen: 21.782 ng
RT: 11.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

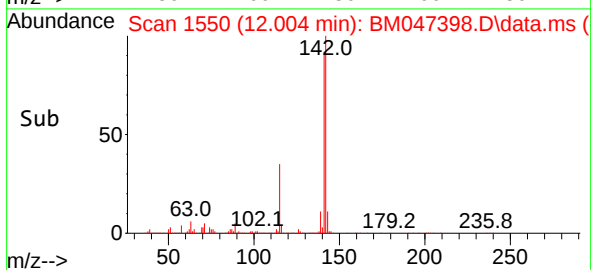
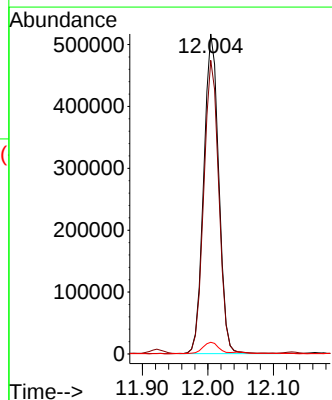
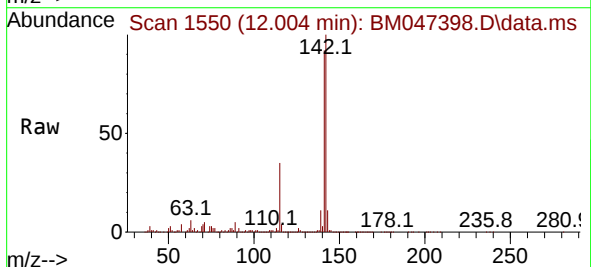
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

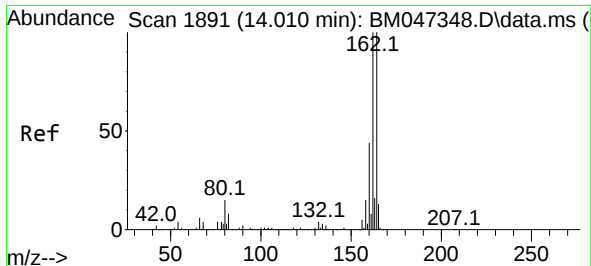
Tgt Ion:142 Resp: 882286
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2
115 33.1 27.5 41.3



#38
1-Methylnaphthalene
Concen: 20.600 ng
RT: 12.004 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:142 Resp: 825234
Ion Ratio Lower Upper
142 100
141 91.7 72.9 109.3
116 3.7 3.0 4.6

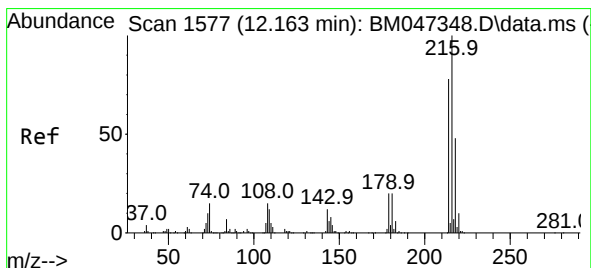
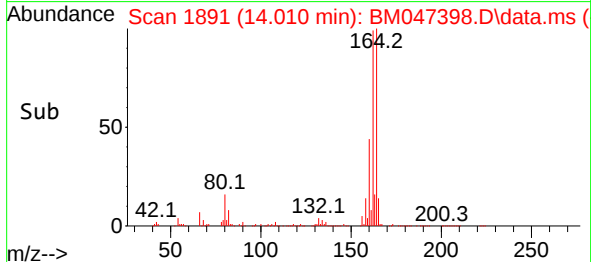
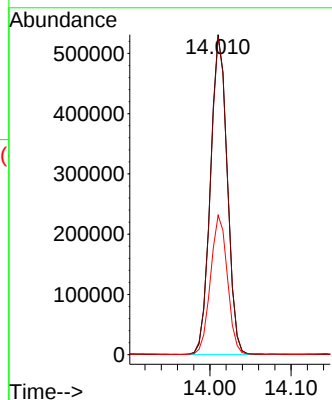
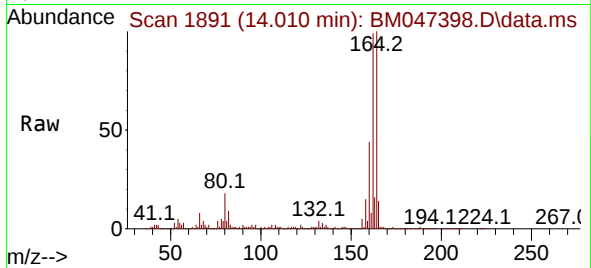




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

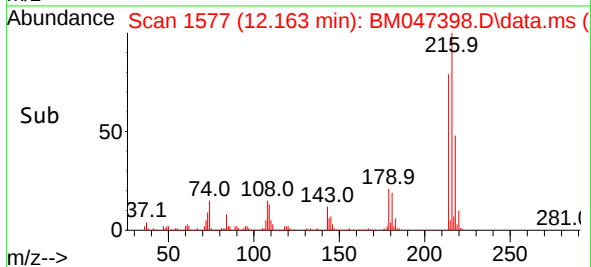
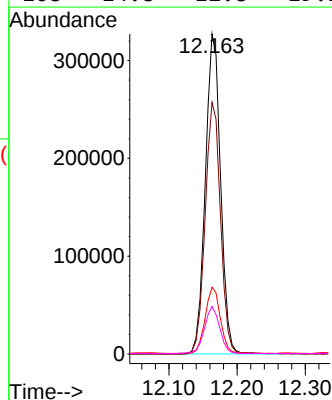
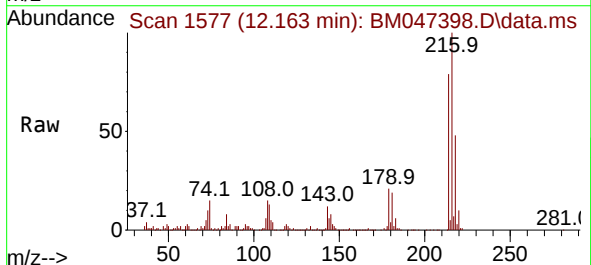
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

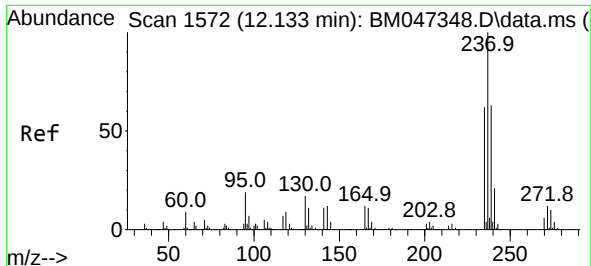
Tgt Ion:164 Resp: 760325
Ion Ratio Lower Upper
164 100
162 99.3 79.7 119.5
160 43.6 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 22.628 ng
RT: 12.163 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:216 Resp: 509452
Ion Ratio Lower Upper
216 100
214 79.0 62.6 94.0
179 20.4 16.6 24.8
108 14.8 12.8 19.2

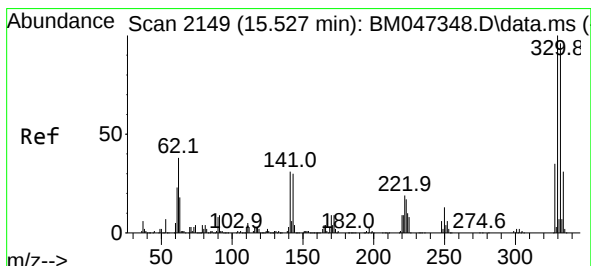
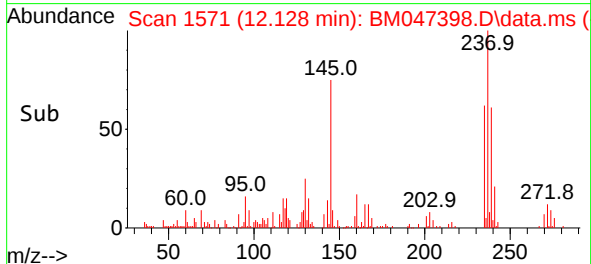
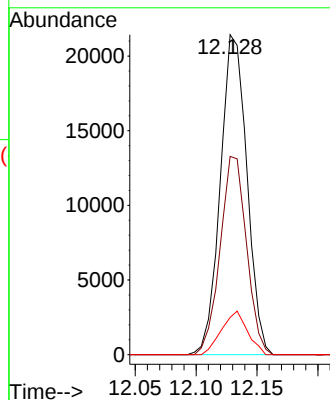
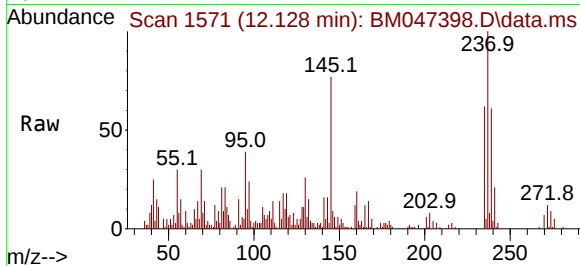




#41
Hexachlorocyclopentadiene
Concen: 4.577 ng
RT: 12.128 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

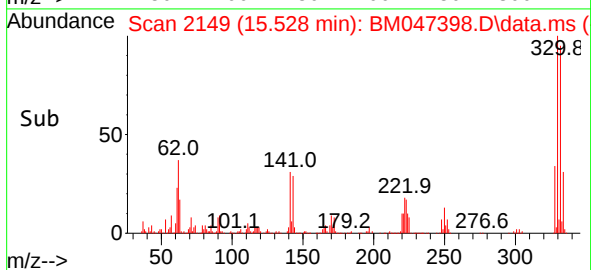
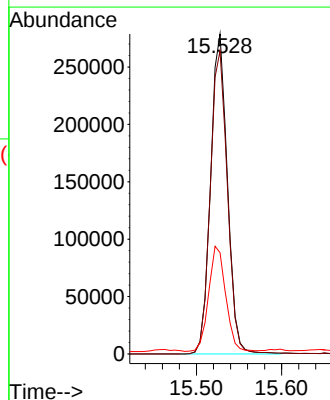
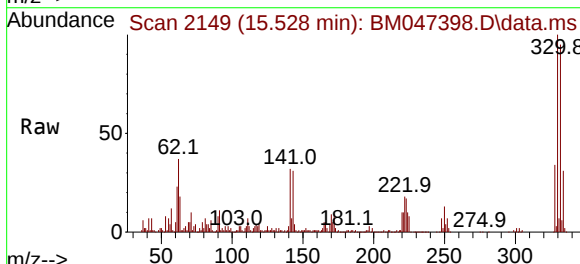
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

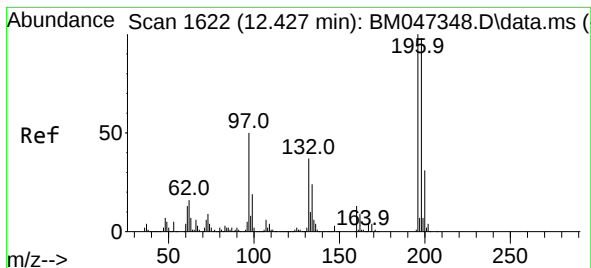
Tgt Ion:237 Resp: 32524
Ion Ratio Lower Upper
237 100
235 61.9 42.1 82.1
272 11.7 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 41.591 ng
RT: 15.528 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:330 Resp: 381525
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 33.5 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 22.761 ng

RT: 12.434 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

Instrument :

BNA_M

ClientSampleId :

AU-06-082824MSD

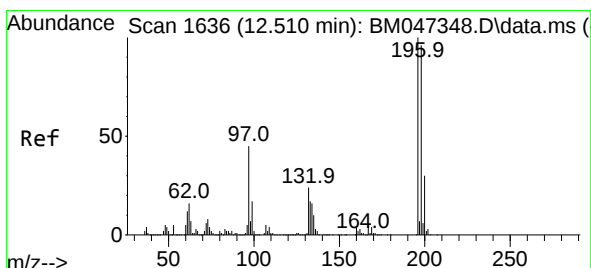
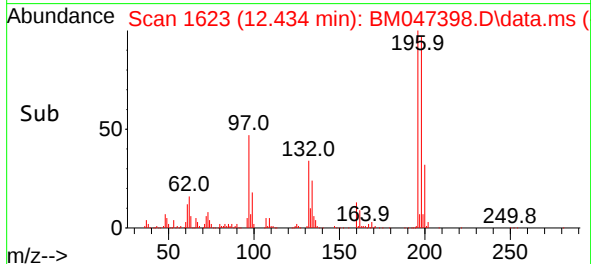
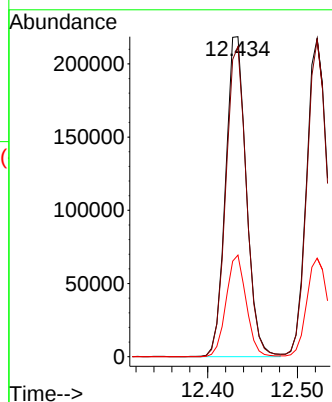
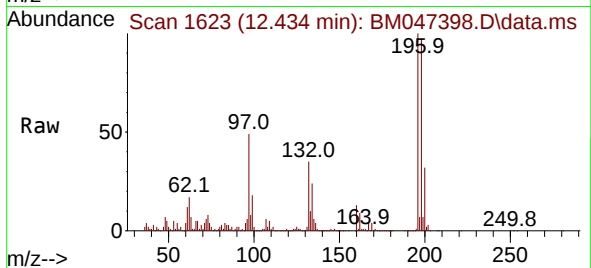
Tgt Ion:196 Resp: 351296

Ion Ratio Lower Upper

196 100

198 96.9 78.2 117.2

200 31.7 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 21.621 ng

RT: 12.522 min Scan# 1638

Delta R.T. 0.012 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

Tgt Ion:196 Resp: 370594

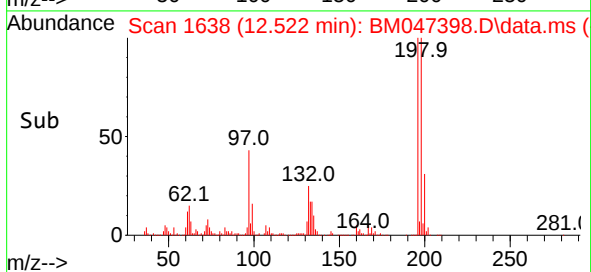
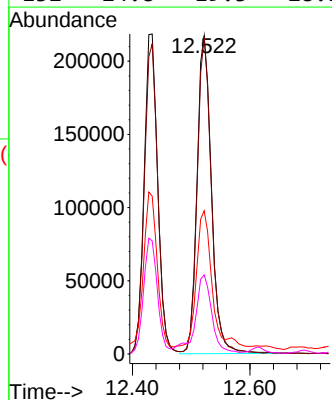
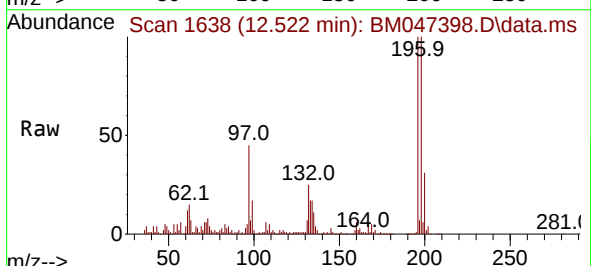
Ion Ratio Lower Upper

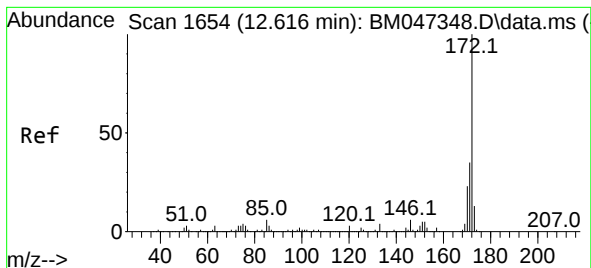
196 100

198 99.6 76.6 115.0

97 45.0 35.9 53.9

132 24.8 19.3 28.9





#45

2-Fluorobiphenyl

Concen: 30.265 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

Instrument :

BNA_M

ClientSampleId :

AU-06-082824MSD

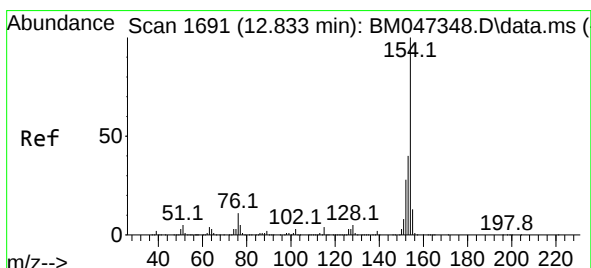
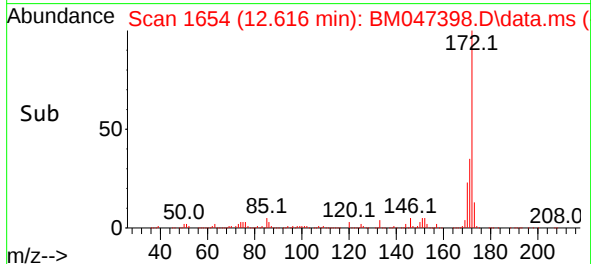
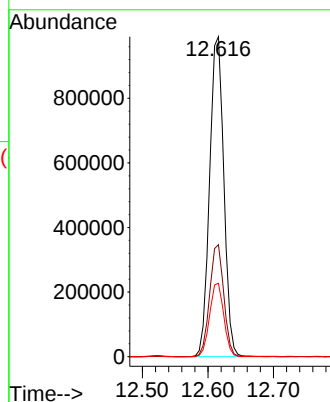
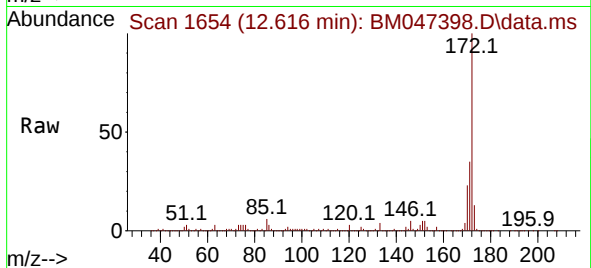
Tgt Ion:172 Resp: 1497636

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 23.0 18.5 27.7



#46

1,1'-Biphenyl

Concen: 21.599 ng

RT: 12.828 min Scan# 1690

Delta R.T. -0.005 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

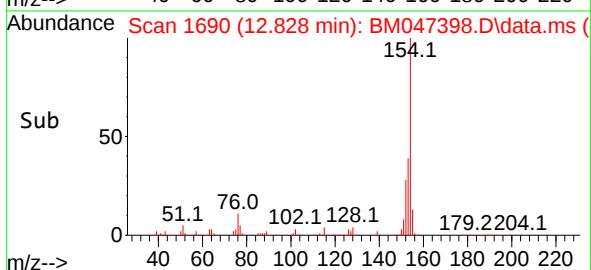
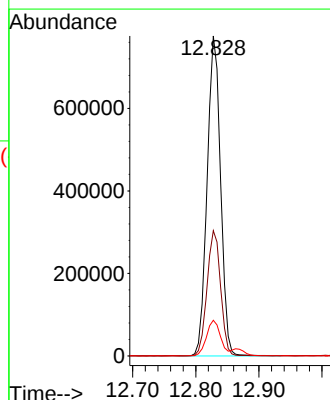
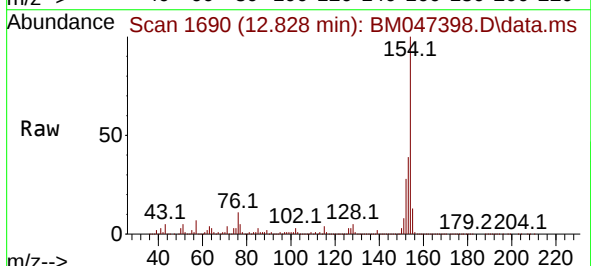
Tgt Ion:154 Resp: 1146683

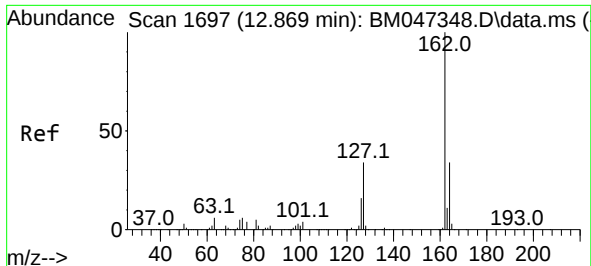
Ion Ratio Lower Upper

154 100

153 39.1 20.1 60.1

76 11.2 0.0 31.2

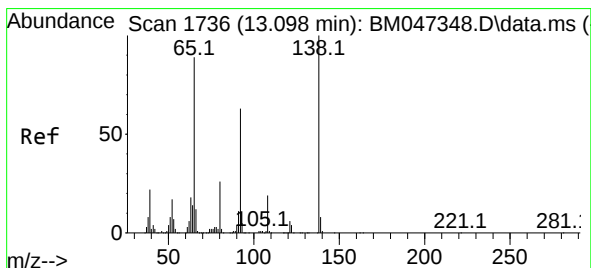
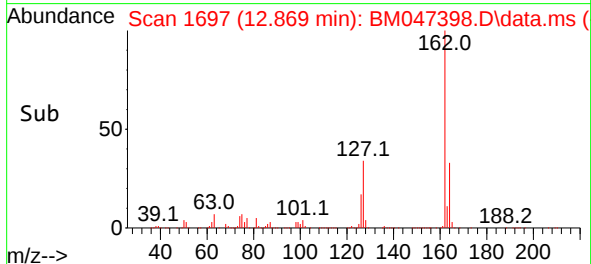
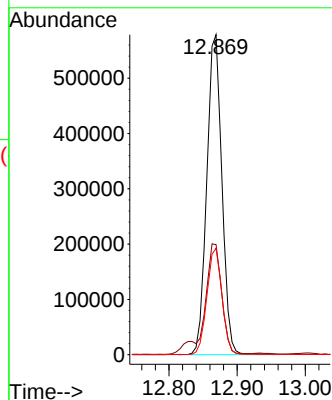
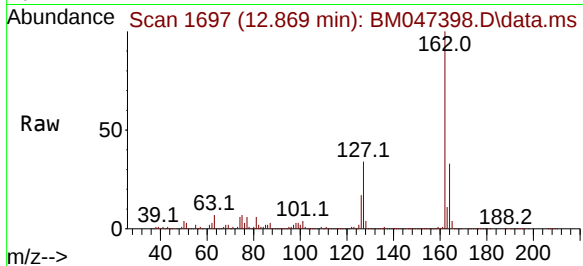




#47
2-Chloronaphthalene
Concen: 21.463 ng
RT: 12.869 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

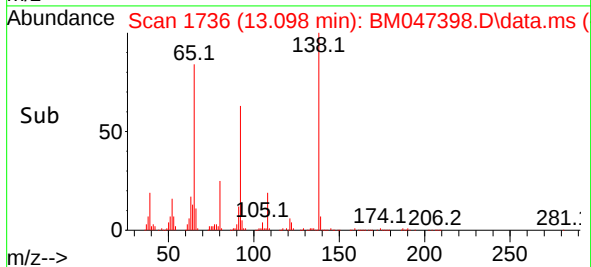
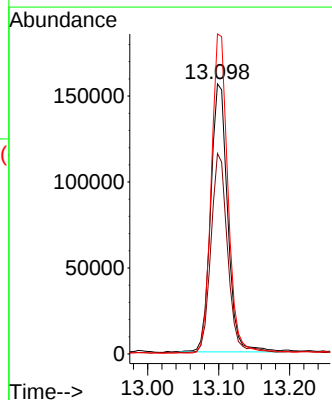
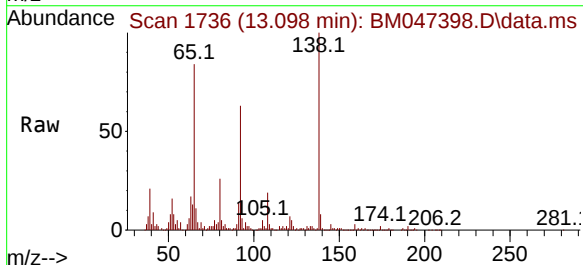
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

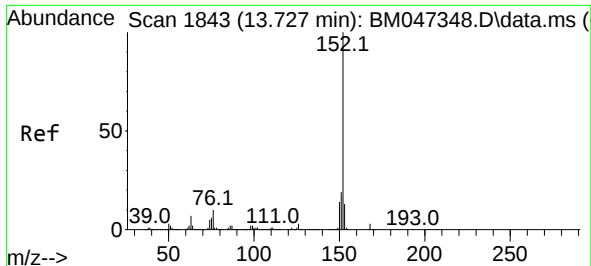
Tgt Ion:162 Resp: 892973
Ion Ratio Lower Upper
162 100
127 34.4 28.3 42.5
164 33.3 27.0 40.4



#48
2-Nitroaniline
Concen: 22.214 ng
RT: 13.098 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion: 65 Resp: 258886
Ion Ratio Lower Upper
65 100
92 74.2 57.0 85.6
138 118.5 90.0 135.0

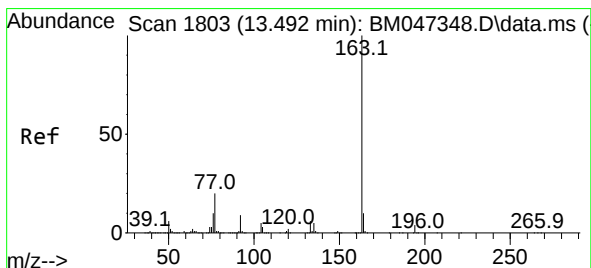
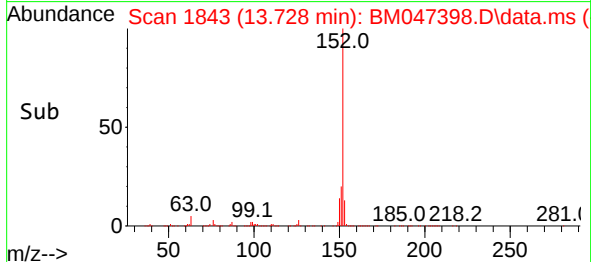
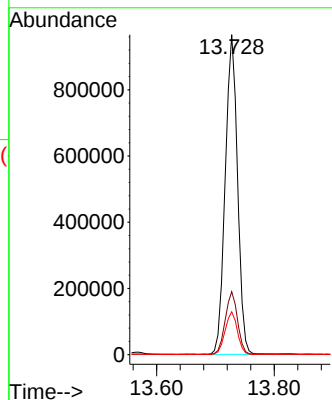
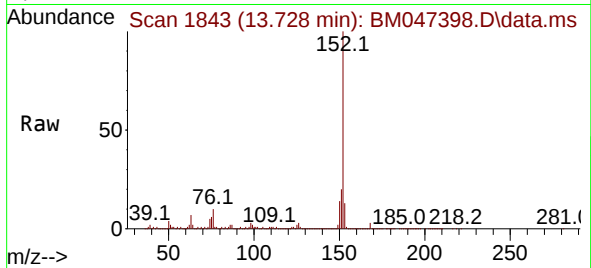




#49
Acenaphthylene
Concen: 23.181 ng
RT: 13.728 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

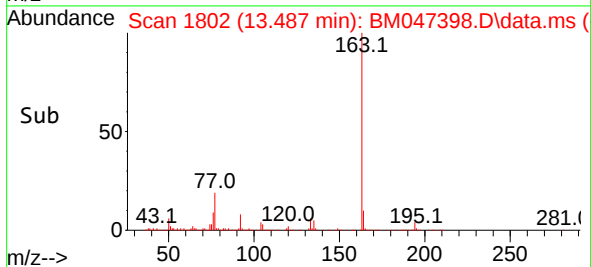
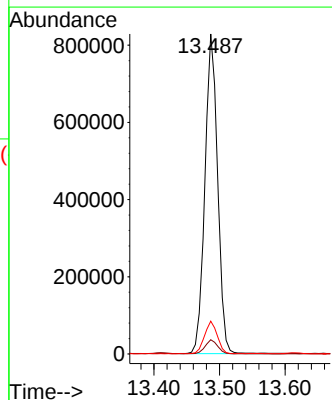
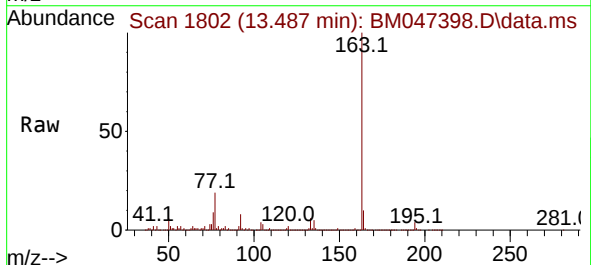
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

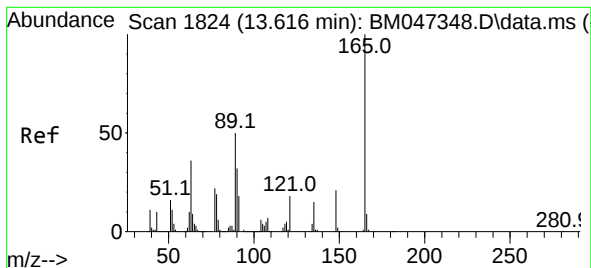
Tgt Ion:152 Resp: 1401653
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.0
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 21.328 ng
RT: 13.487 min Scan# 1802
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:163 Resp: 1117370
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.3 8.2 12.4

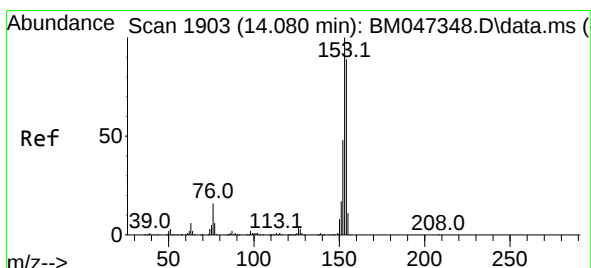
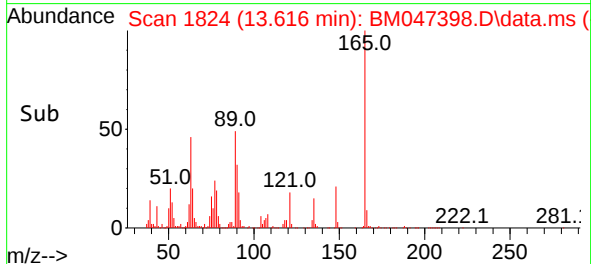
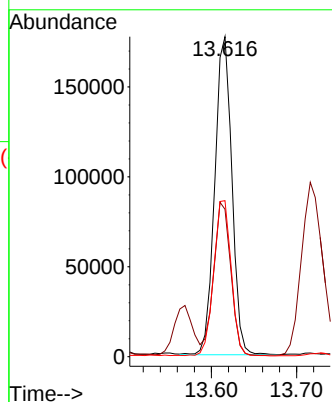
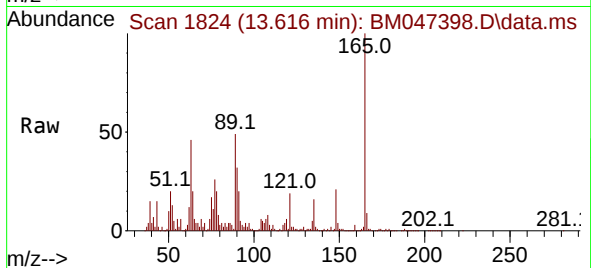




#51
2,6-Dinitrotoluene
Concen: 20.285 ng
RT: 13.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

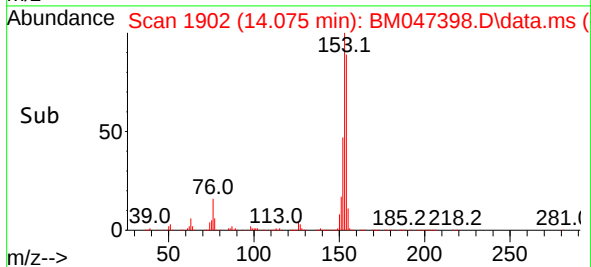
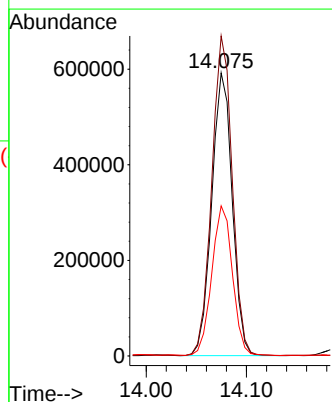
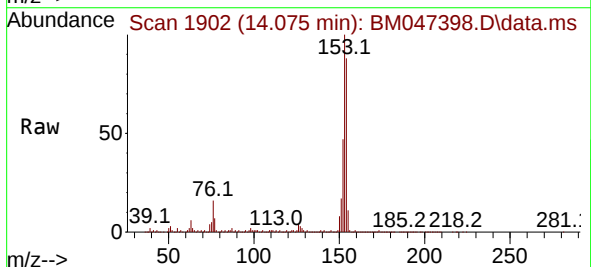
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

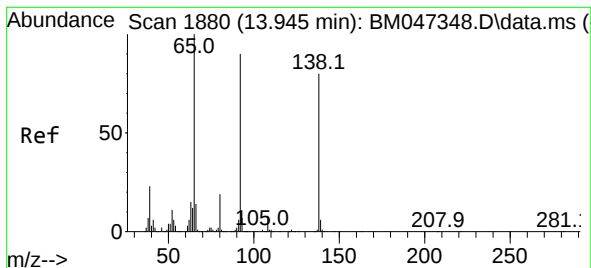
Tgt Ion:165 Resp: 247431
Ion Ratio Lower Upper
165 100
63 46.1 38.2 57.4
89 48.7 40.4 60.6



#52
Acenaphthene
Concen: 21.926 ng
RT: 14.075 min Scan# 1902
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:154 Resp: 841657
Ion Ratio Lower Upper
154 100
153 113.1 89.5 134.3
152 53.0 43.0 64.4

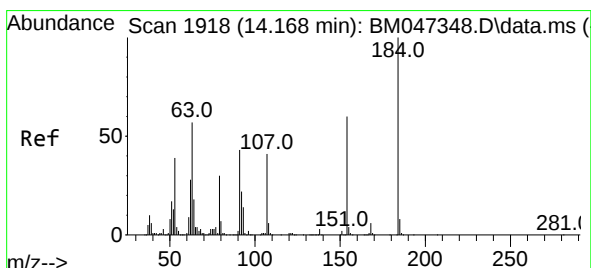
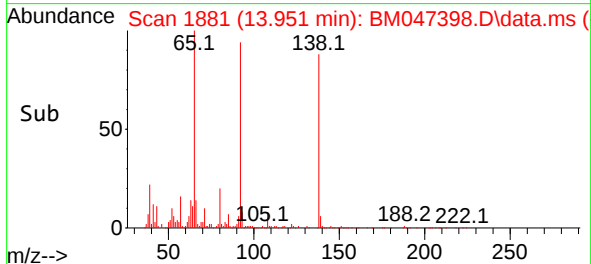
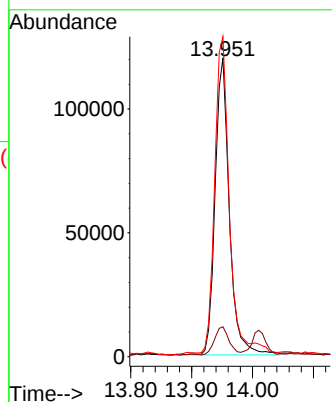
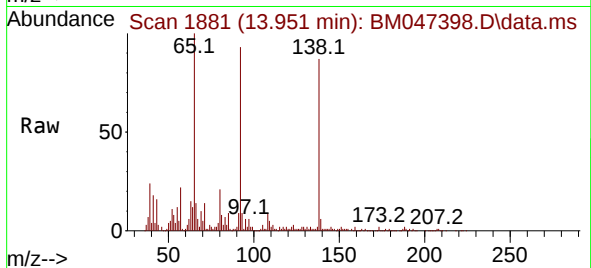




#53
3-Nitroaniline
Concen: 17.297 ng
RT: 13.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

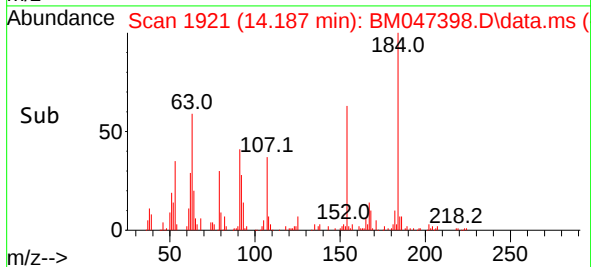
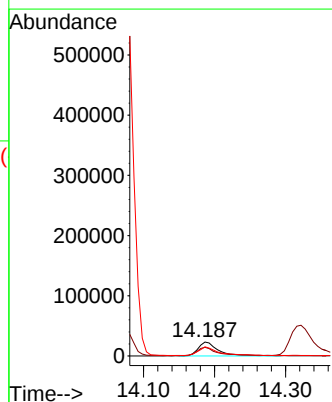
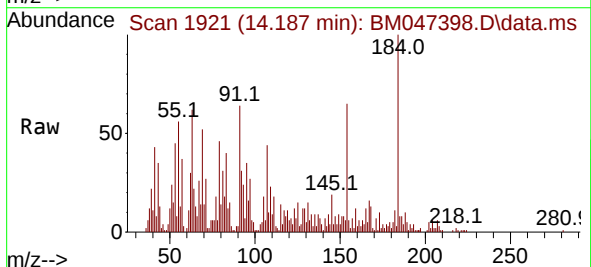
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

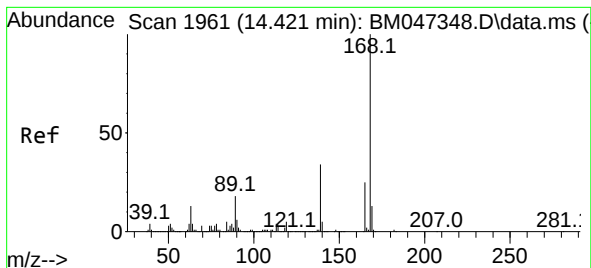
Tgt Ion:138 Resp: 194691
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 107.1 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 6.075 ng
RT: 14.187 min Scan# 1921
Delta R.T. 0.019 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:184 Resp: 45631
Ion Ratio Lower Upper
184 100
63 62.1 45.7 68.5
154 64.9 48.5 72.7





#55

Dibenzenofuran

Concen: 21.768 ng

RT: 14.416 min Scan# 1960

Delta R.T. -0.005 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

Instrument :

BNA_M

ClientSampleId :

AU-06-082824MSD

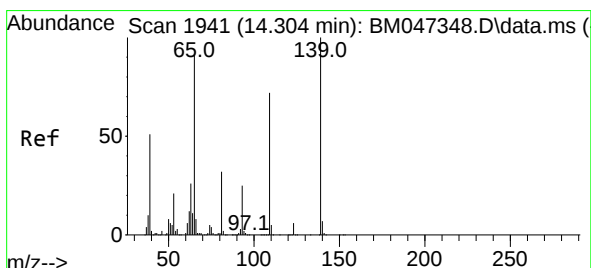
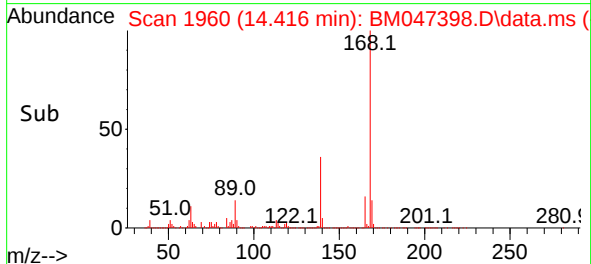
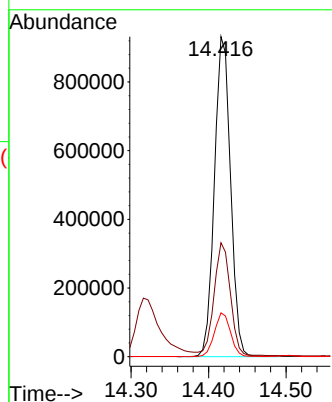
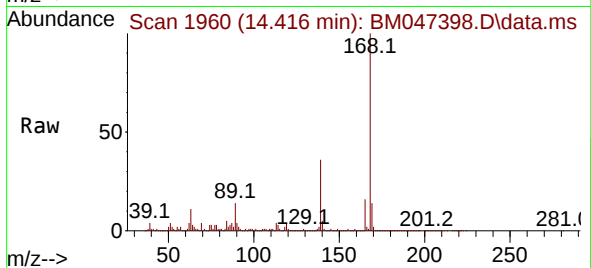
Tgt Ion:168 Resp: 1345884

Ion Ratio Lower Upper

168 100

139 35.6 27.5 41.3

169 13.7 10.5 15.7



#56

4-Nitrophenol

Concen: 42.304 ng

RT: 14.316 min Scan# 1943

Delta R.T. 0.012 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

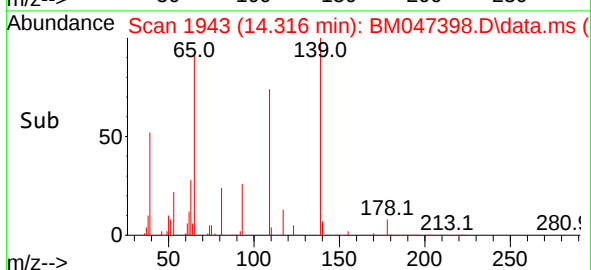
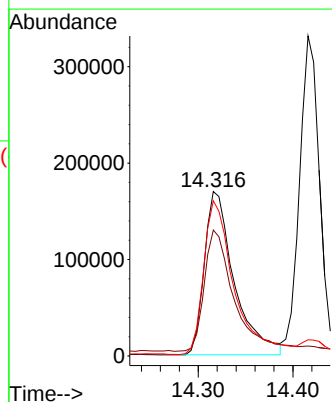
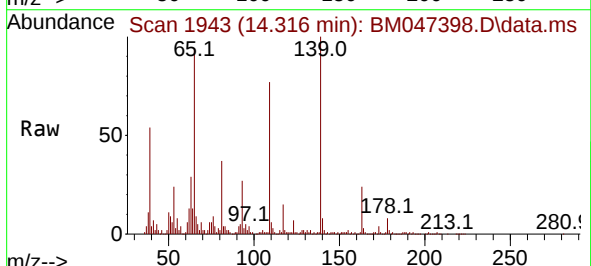
Tgt Ion:139 Resp: 372199

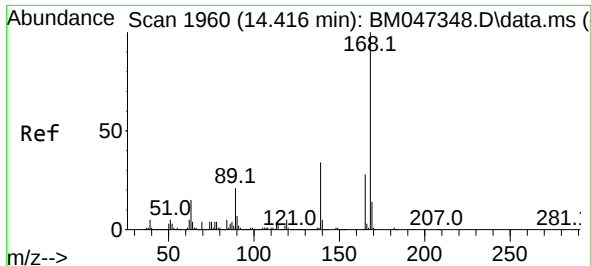
Ion Ratio Lower Upper

139 100

109 76.5 51.6 91.6

65 94.4 71.7 111.7

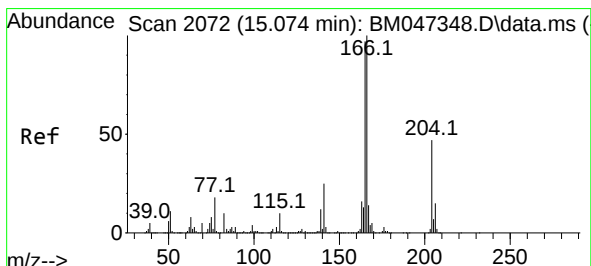
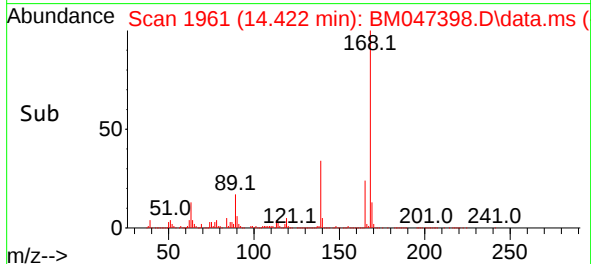
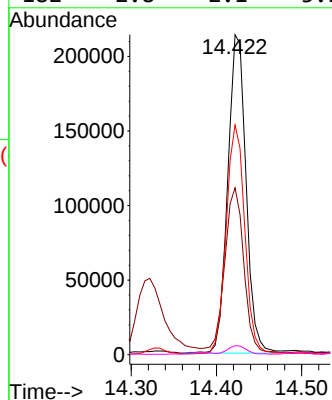
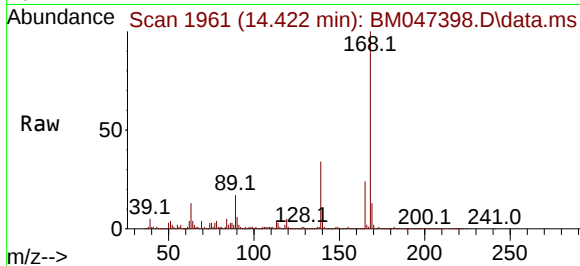




#57
2,4-Dinitrotoluene
Concen: 20.207 ng
RT: 14.422 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

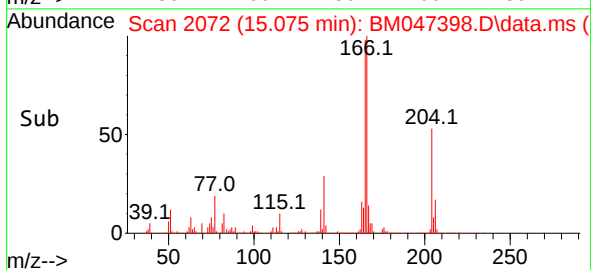
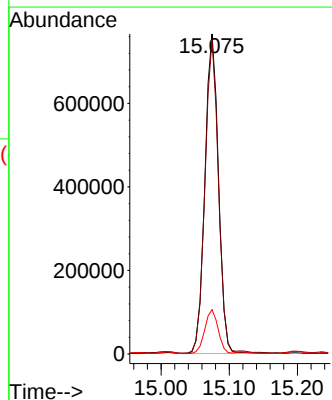
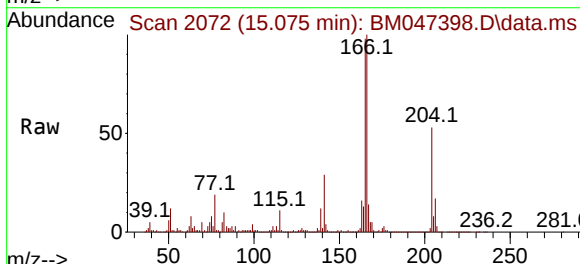
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

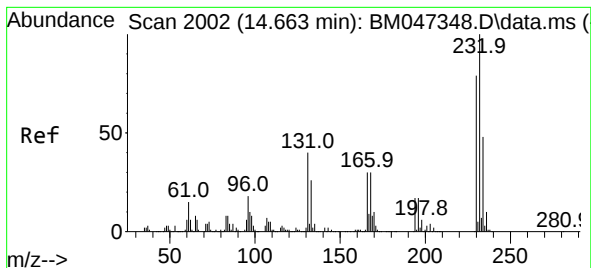
Tgt Ion:	165	Resp:	319080
Ion	Ratio	Lower	Upper
165	100		
63	52.1	42.2	63.4
89	71.8	59.3	88.9
182	2.8	2.1	3.1



#58
Fluorene
Concen: 21.094 ng
RT: 15.075 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:	166	Resp:	1055531
Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.6
167	13.8	11.1	16.7

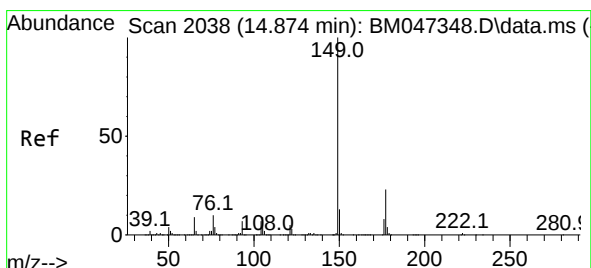
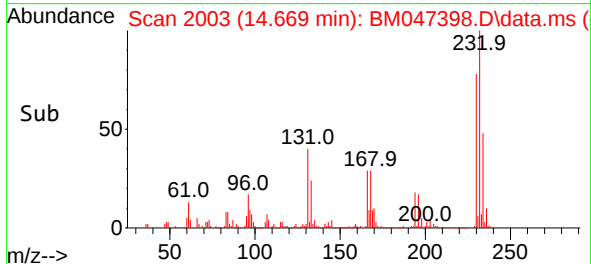
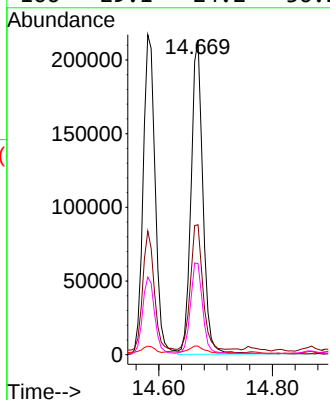
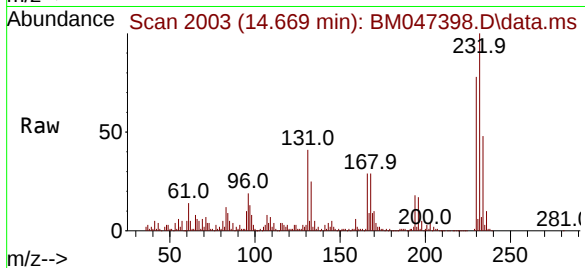




#59
2,3,4,6-Tetrachlorophenol
Concen: 22.016 ng
RT: 14.669 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

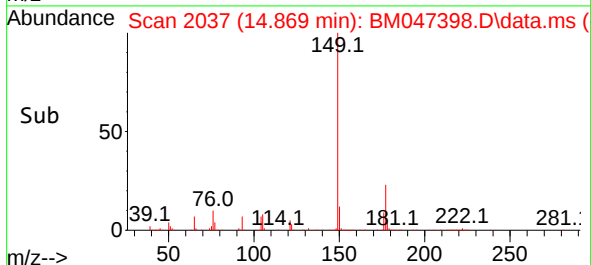
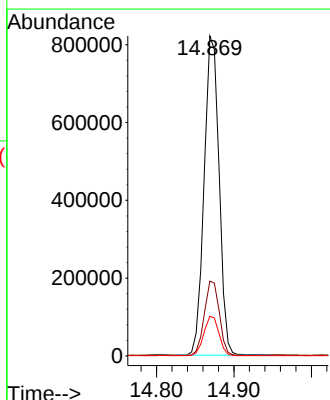
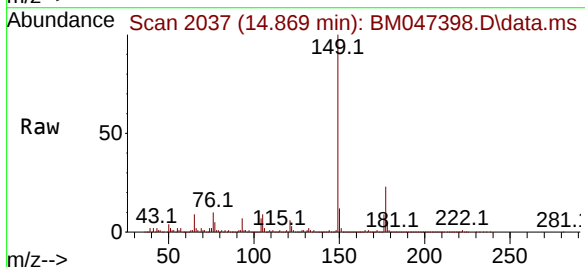
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

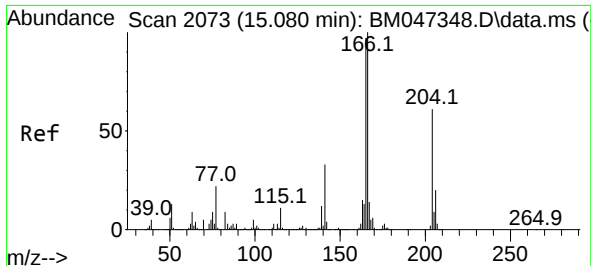
Tgt Ion:232 Resp: 309962
Ion Ratio Lower Upper
232 100
131 41.0 31.7 47.5
130 2.9 1.7 2.5#
166 29.1 24.2 36.2



#60
Diethylphthalate
Concen: 21.244 ng
RT: 14.869 min Scan# 2037
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:149 Resp: 1097864
Ion Ratio Lower Upper
149 100
177 23.4 18.6 28.0
150 12.4 10.2 15.4

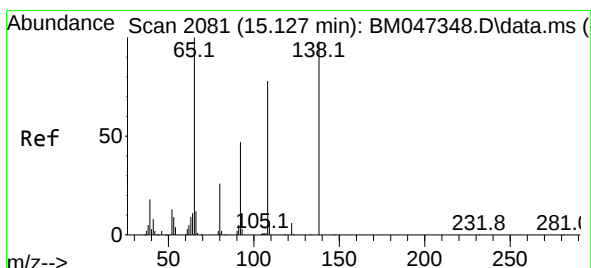
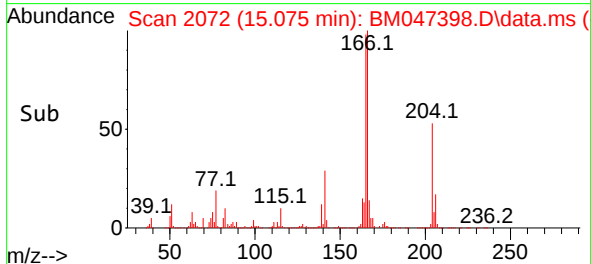
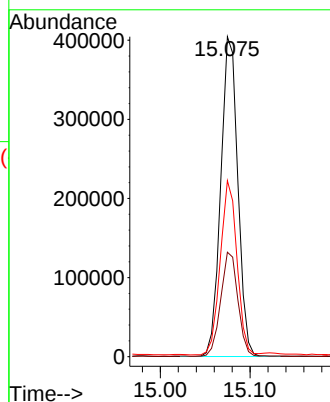
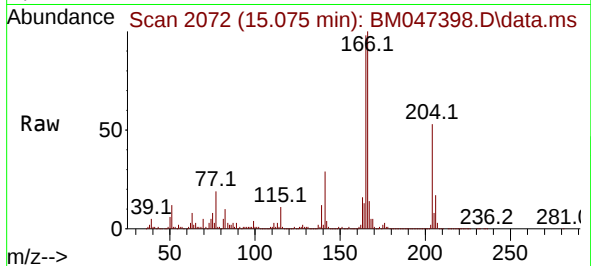




#61
4-Chlorophenyl-phenylether
Concen: 20.950 ng
RT: 15.075 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

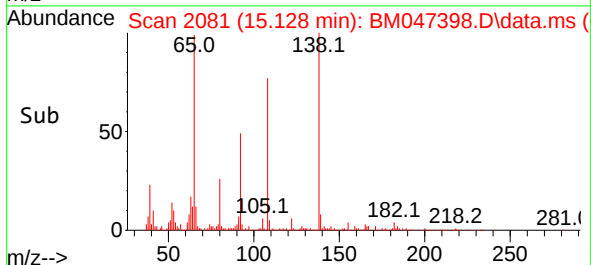
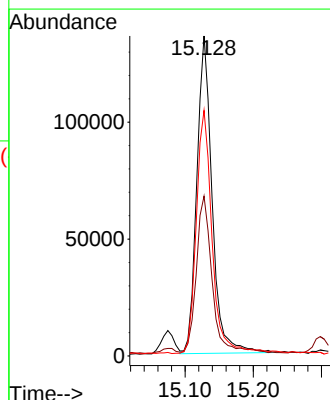
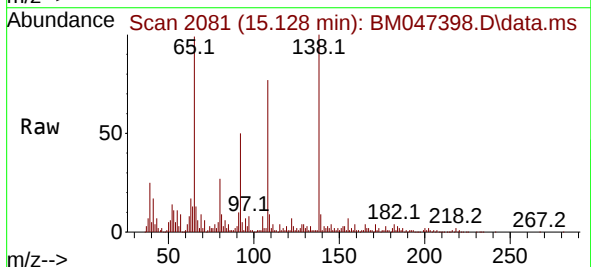
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

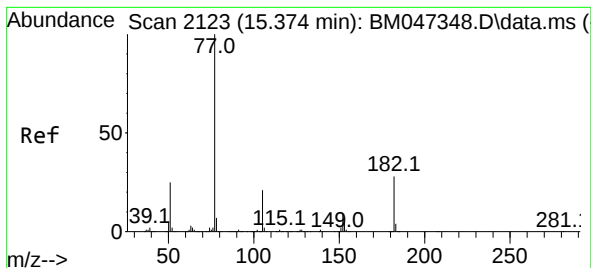
Tgt Ion:204 Resp: 533275
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 55.0 42.8 64.2



#62
4-Nitroaniline
Concen: 20.354 ng
RT: 15.128 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:138 Resp: 211930
Ion Ratio Lower Upper
138 100
92 49.9 27.9 67.9
108 76.7 58.7 98.7





#63

Azobenzene

Concen: 20.430 ng

RT: 15.375 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

Instrument :

BNA_M

ClientSampleId :

AU-06-082824MSD

Tgt Ion: 77 Resp: 919371

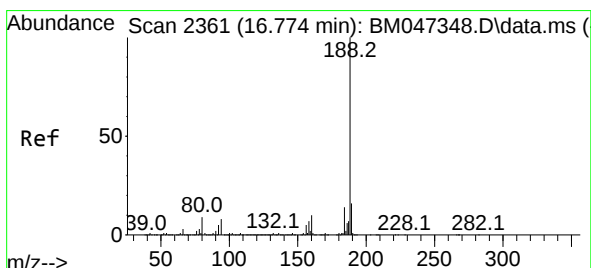
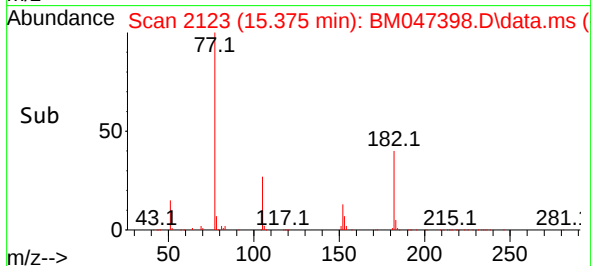
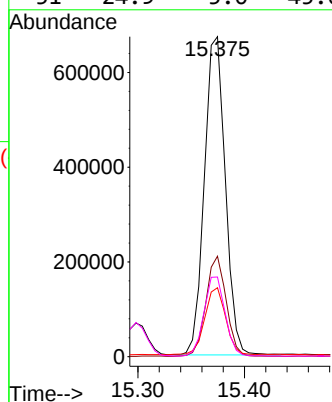
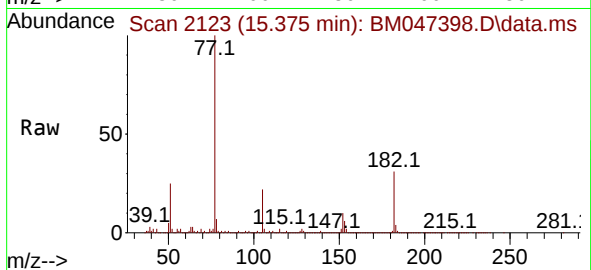
Ion Ratio Lower Upper

77 100

182 31.4 7.9 47.9

105 21.5 0.6 40.6

51 24.9 5.0 45.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 2362

Delta R.T. 0.006 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

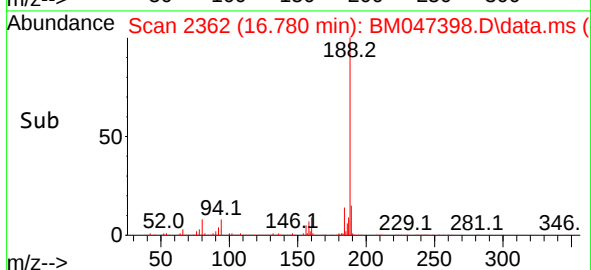
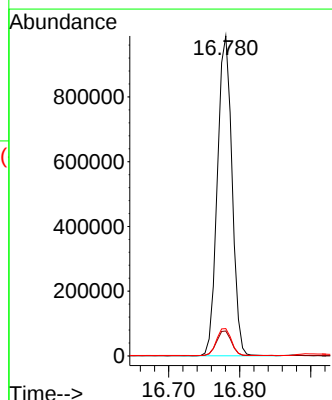
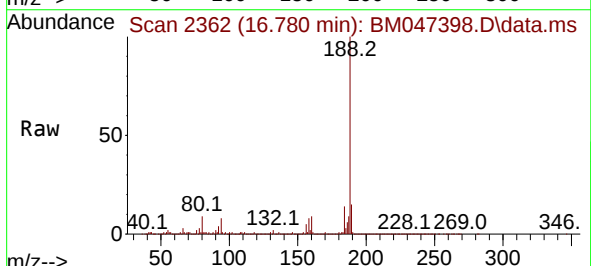
Tgt Ion: 188 Resp: 1407501

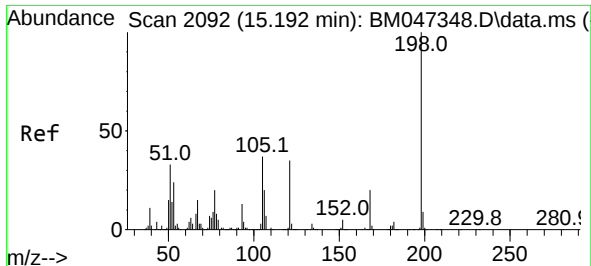
Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.5 7.4 11.2

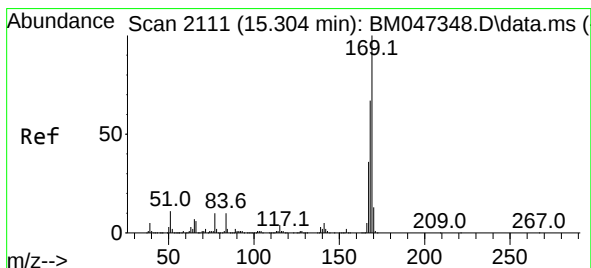
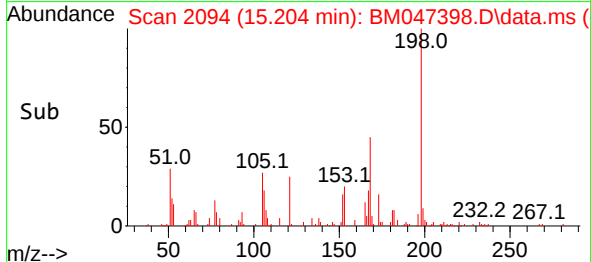
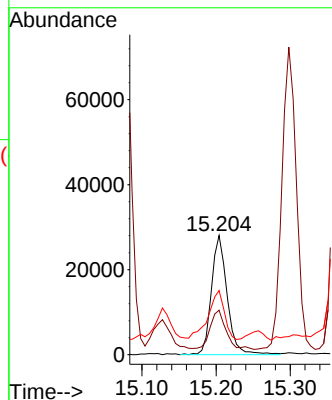
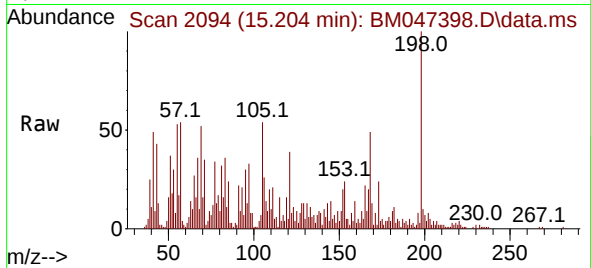




#65
4,6-Dinitro-2-methylphenol
Concen: 4.807 ng
RT: 15.204 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

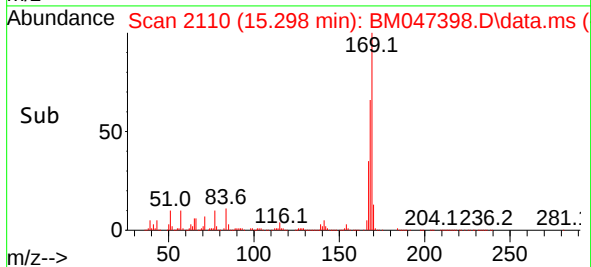
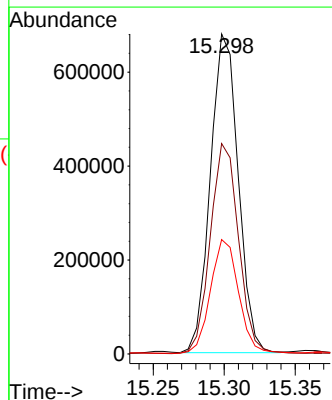
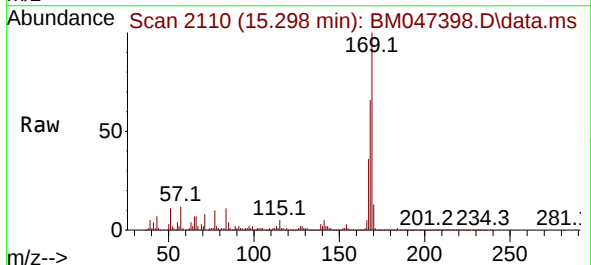
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

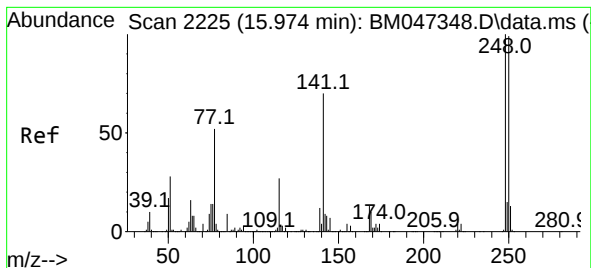
Tgt Ion:198 Resp: 41530
Ion Ratio Lower Upper
198 100
51 37.3 14.1 54.1
105 53.7 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 23.991 ng
RT: 15.298 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:169 Resp: 923968
Ion Ratio Lower Upper
169 100
168 65.8 53.4 80.0
167 35.8 29.0 43.4

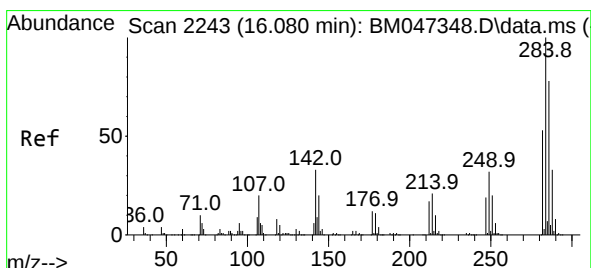
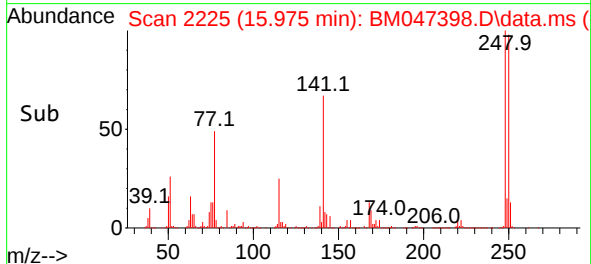
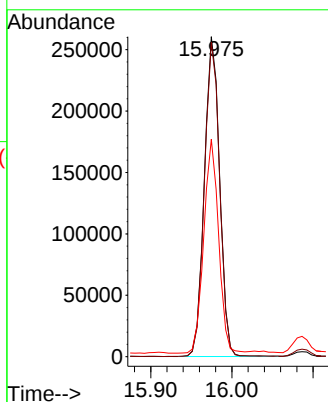
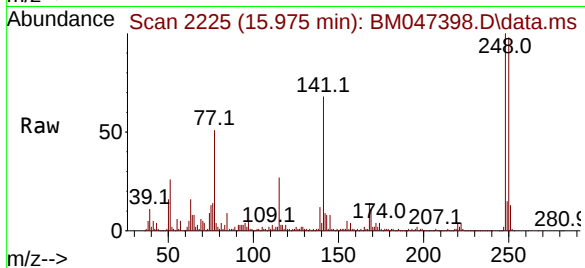




#67
4-Bromophenyl-phenylether
Concen: 22.876 ng
RT: 15.975 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

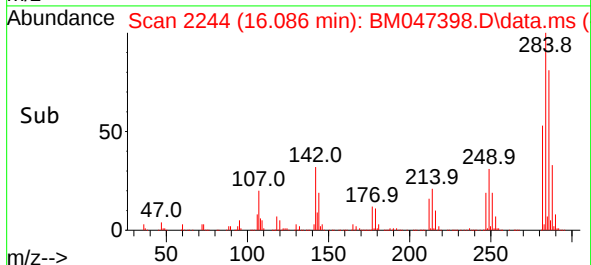
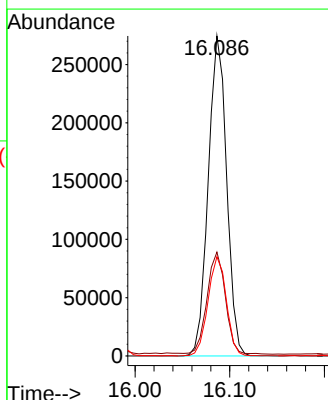
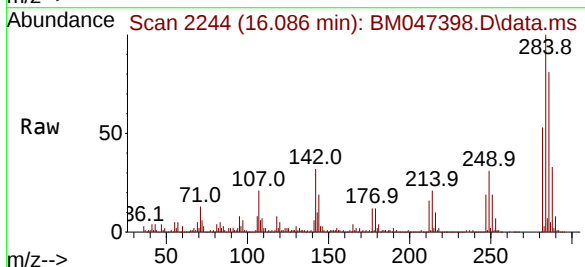
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

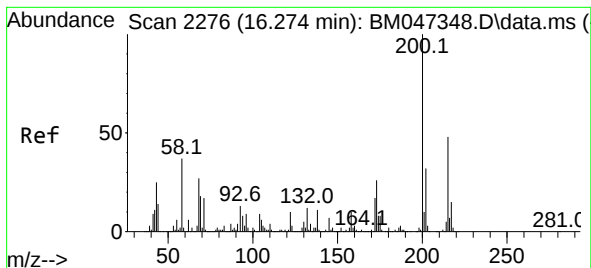
Tgt Ion:248 Resp: 339670
Ion Ratio Lower Upper
248 100
250 98.3 78.8 118.2
141 68.0 55.9 83.9



#68
Hexachlorobenzene
Concen: 21.563 ng
RT: 16.086 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:284 Resp: 369799
Ion Ratio Lower Upper
284 100
142 32.4 26.5 39.7
249 31.0 25.5 38.3





#69

Atrazine

Concen: 27.318 ng

RT: 16.275 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

Instrument :

BNA_M

ClientSampleId :

AU-06-082824MSD

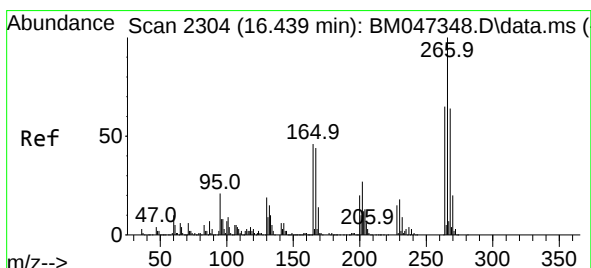
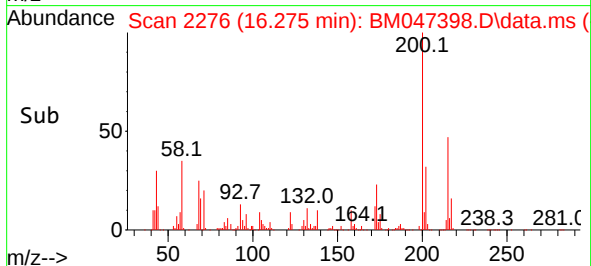
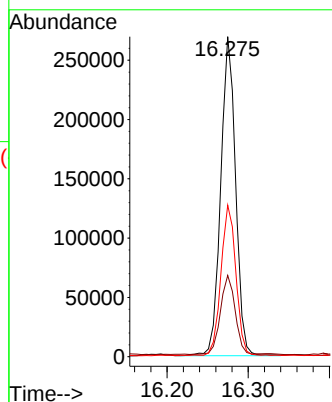
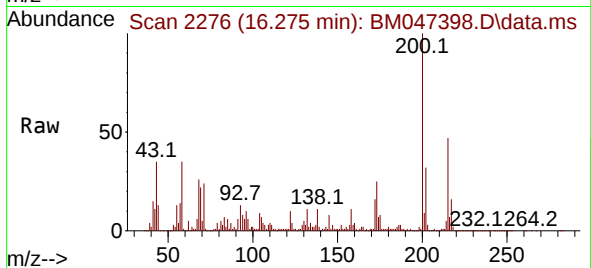
Tgt Ion:200 Resp: 343897

Ion Ratio Lower Upper

200 100

173 25.4 5.8 45.8

215 47.3 28.3 68.3



#70

Pentachlorophenol

Concen: 40.031 ng

RT: 16.445 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

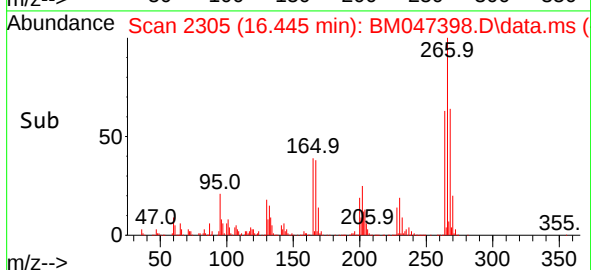
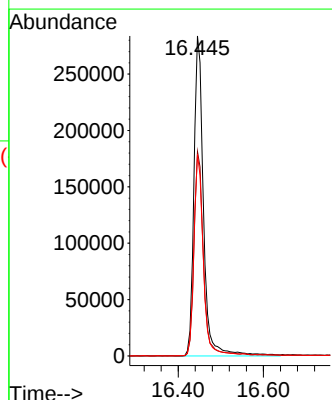
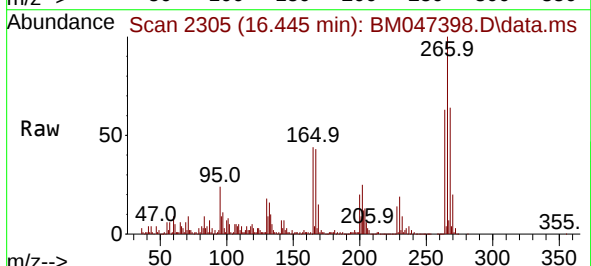
Tgt Ion:266 Resp: 443858

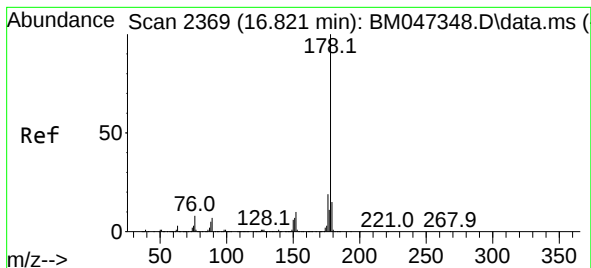
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.6

264 63.0 51.9 77.9





#71

Phenanthrene

Concen: 22.412 ng

RT: 16.822 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

Instrument :

BNA_M

ClientSampleId :

AU-06-082824MSD

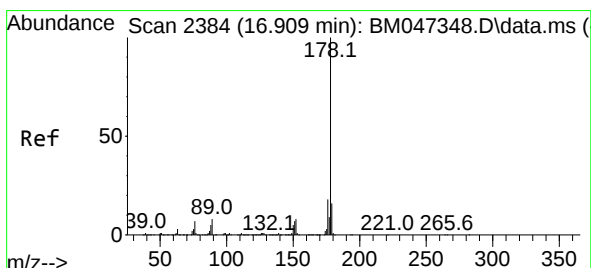
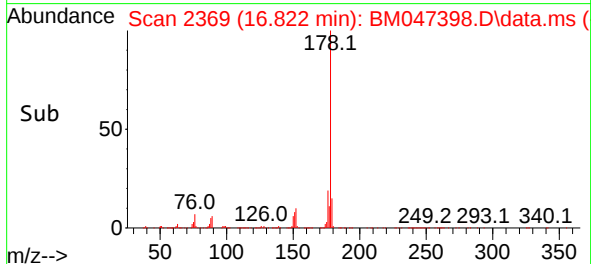
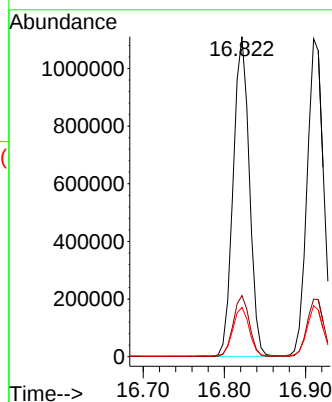
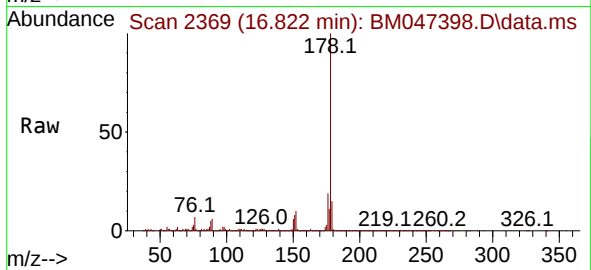
Tgt Ion:178 Resp: 1531978

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.4 12.2 18.4



#72

Anthracene

Concen: 23.245 ng

RT: 16.910 min Scan# 2384

Delta R.T. 0.000 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

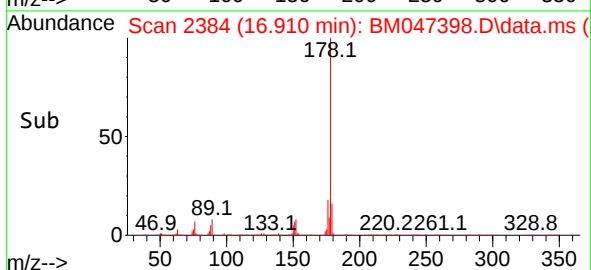
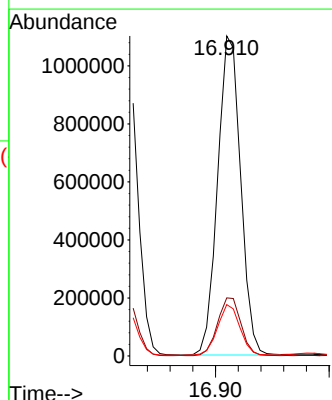
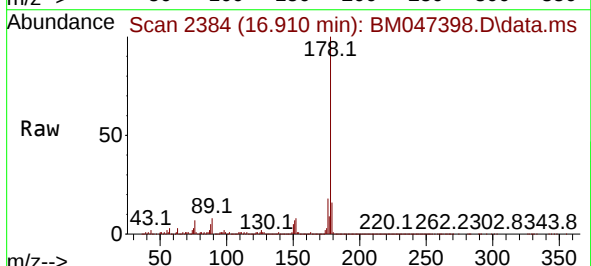
Tgt Ion:178 Resp: 1548886

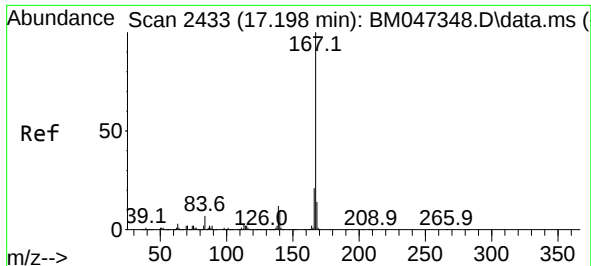
Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

179 16.1 12.6 18.8

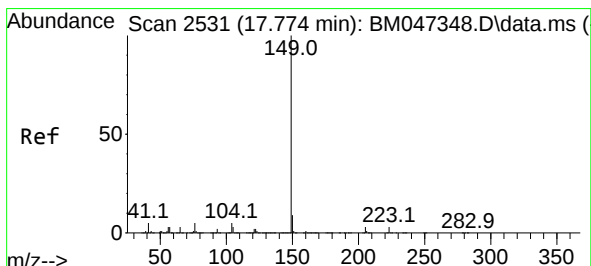
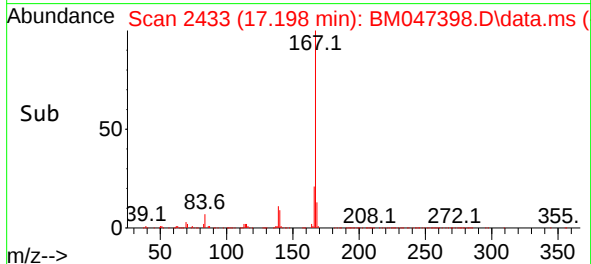
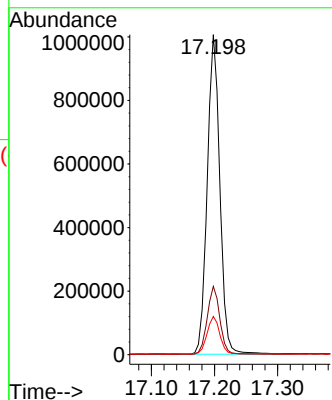
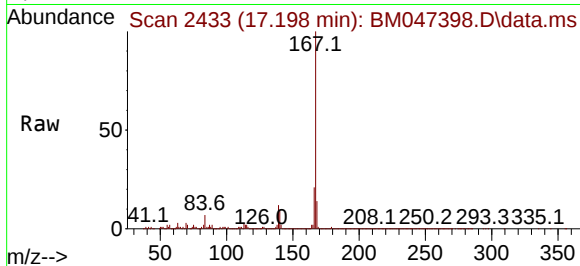




#73
 Carbazole
 Concen: 21.841 ng
 RT: 17.198 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BM047398.D
 Acq: 29 Aug 2024 17:45

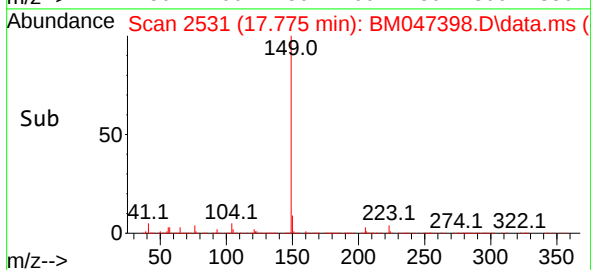
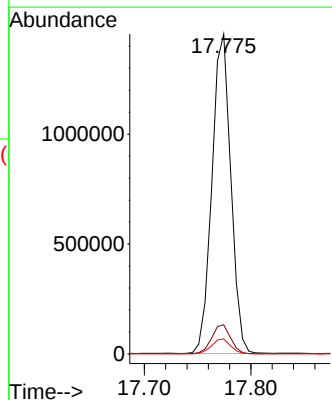
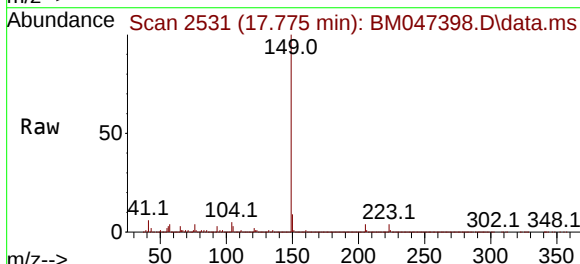
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-082824MSD

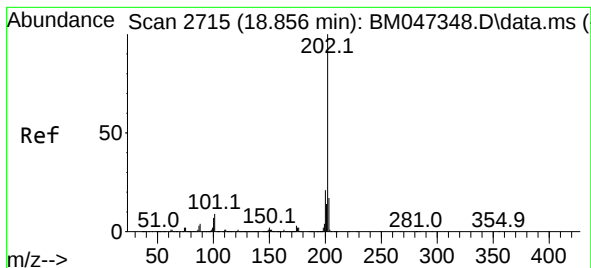
Tgt Ion:167 Resp: 1396590
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.9 25.3
 139 12.0 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 23.004 ng
 RT: 17.775 min Scan# 2531
 Delta R.T. 0.000 min
 Lab File: BM047398.D
 Acq: 29 Aug 2024 17:45

Tgt Ion:149 Resp: 1791147
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 20.248 ng

RT: 18.857 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

Instrument :

BNA_M

ClientSampleId :

AU-06-082824MSD

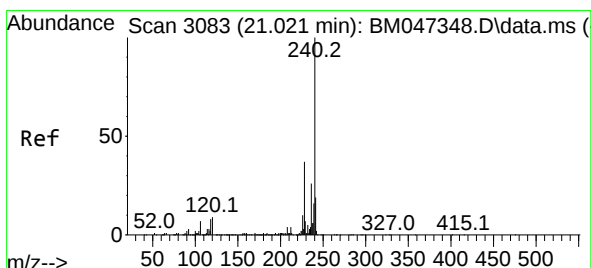
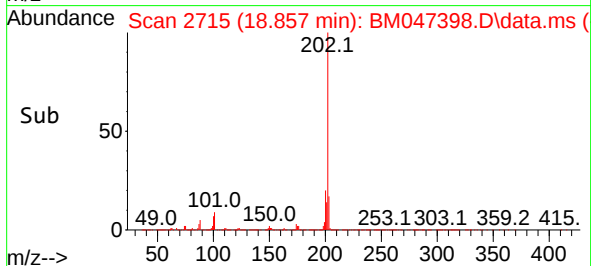
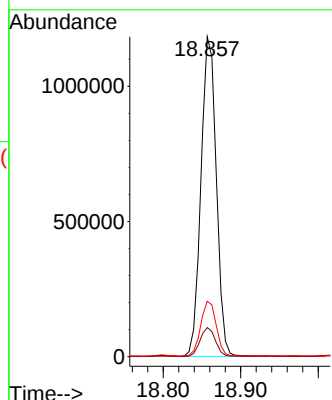
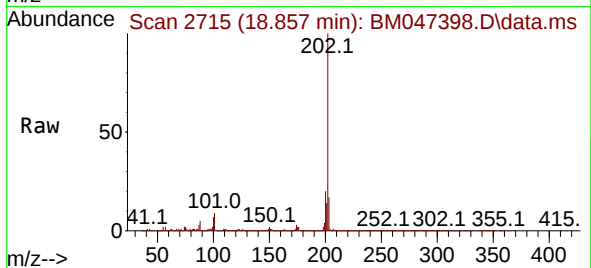
Tgt Ion:202 Resp: 1625154

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.0

203 17.3 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: BM047398.D

Acq: 29 Aug 2024 17:45

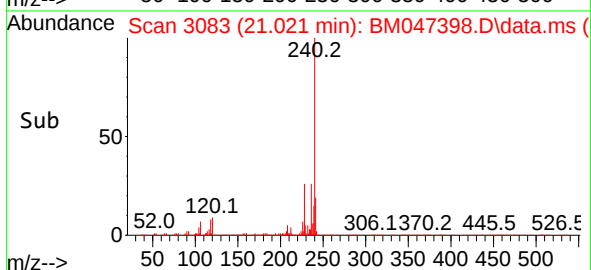
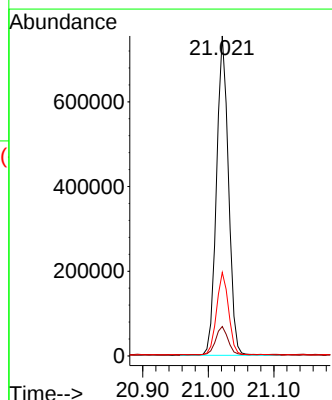
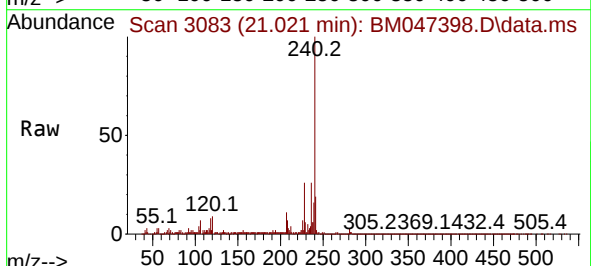
Tgt Ion:240 Resp: 955156

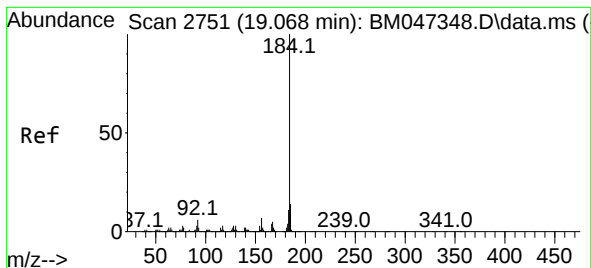
Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.0

236 26.1 20.8 31.2





#77

Benzidine

Concen: 51.552 ng

RT: 19.069 min Scan# 2751

Delta R.T. 0.001 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

Instrument :

BNA_M

ClientSampleId :

AU-06-082824MSD

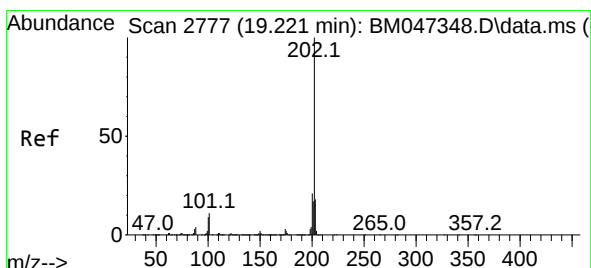
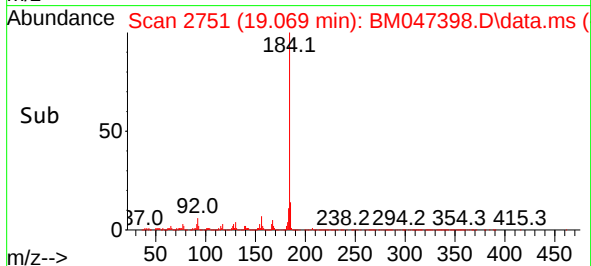
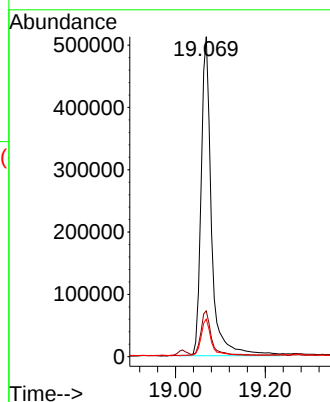
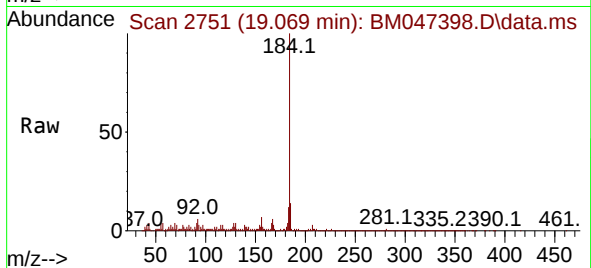
Tgt Ion:184 Resp: 821928

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.8 9.2 13.8



#78

Pyrene

Concen: 22.790 ng

RT: 19.227 min Scan# 2778

Delta R.T. 0.006 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

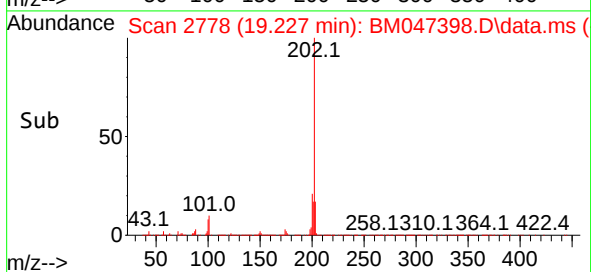
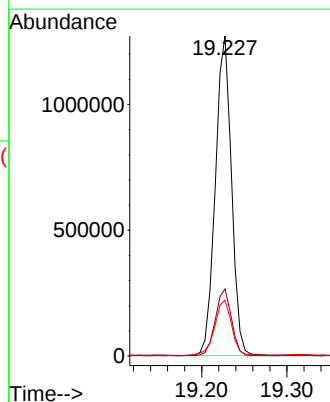
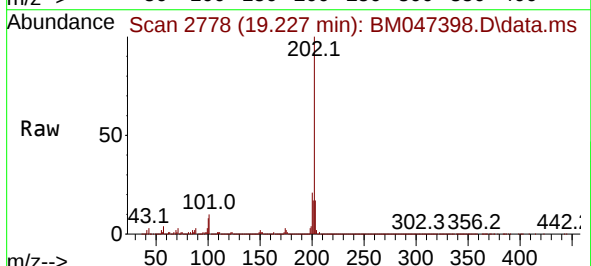
Tgt Ion:202 Resp: 1669535

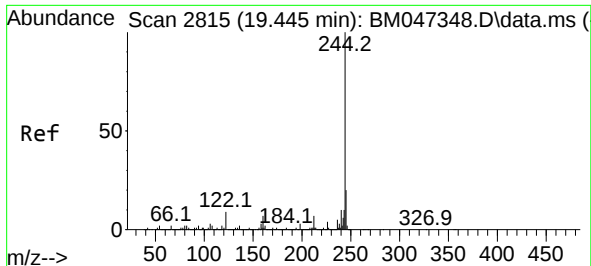
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.4 14.2 21.4

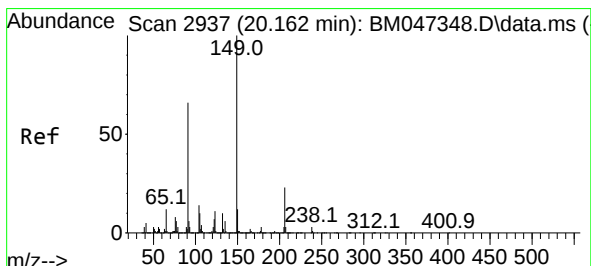
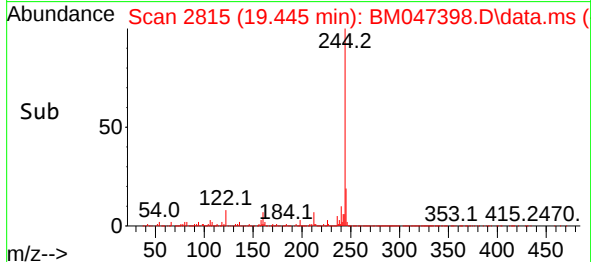
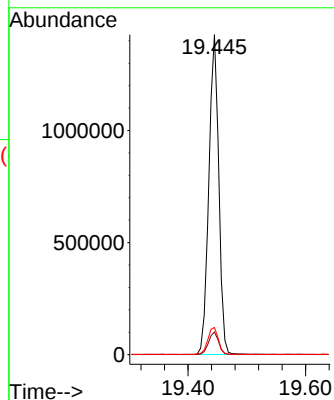
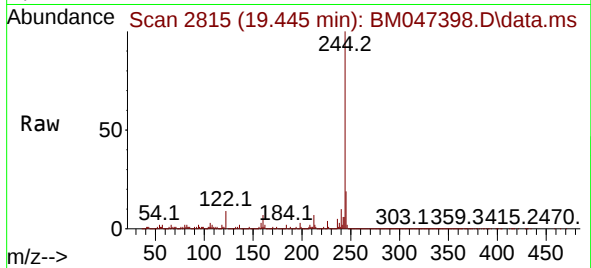




#79
 Terphenyl-d14
 Concen: 31.186 ng
 RT: 19.445 min Scan# 2815
 Delta R.T. 0.000 min
 Lab File: BM047398.D
 Acq: 29 Aug 2024 17:45

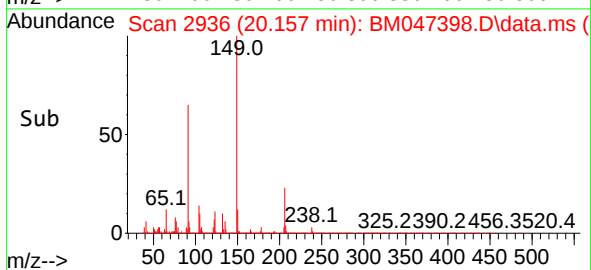
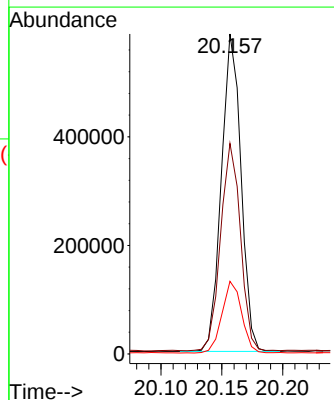
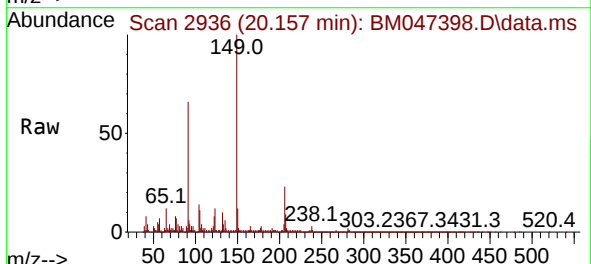
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-082824MSD

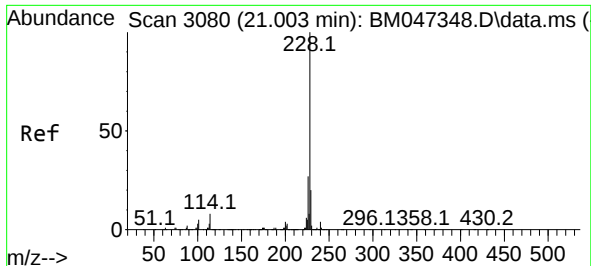
Tgt Ion:244 Resp: 1673477
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 8.5 7.0 10.4



#80
 Butylbenzylphthalate
 Concen: 22.875 ng
 RT: 20.157 min Scan# 2936
 Delta R.T. -0.005 min
 Lab File: BM047398.D
 Acq: 29 Aug 2024 17:45

Tgt Ion:149 Resp: 655772
 Ion Ratio Lower Upper
 149 100
 91 65.8 52.6 79.0
 206 22.7 18.2 27.2

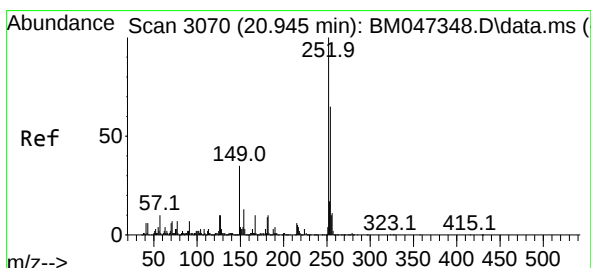
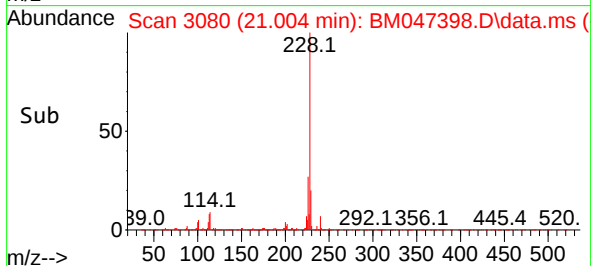
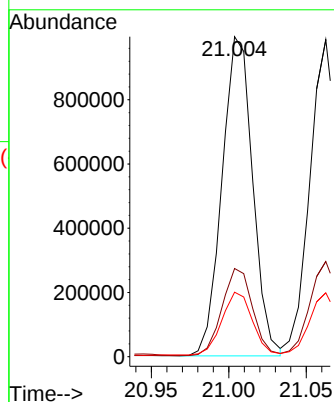
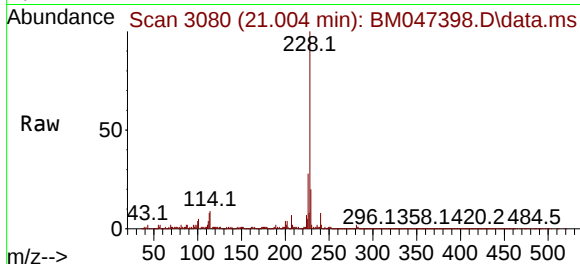




#81
Benzo(a)anthracene
Concen: 21.970 ng
RT: 21.004 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

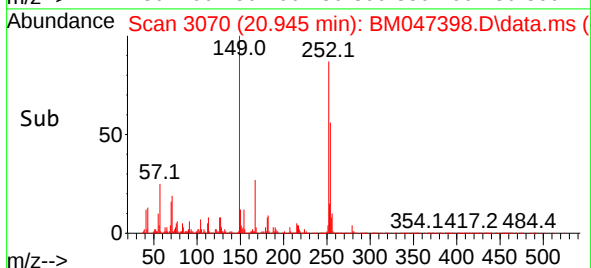
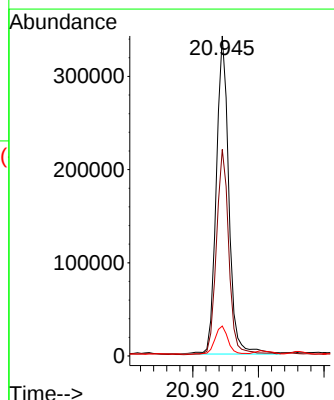
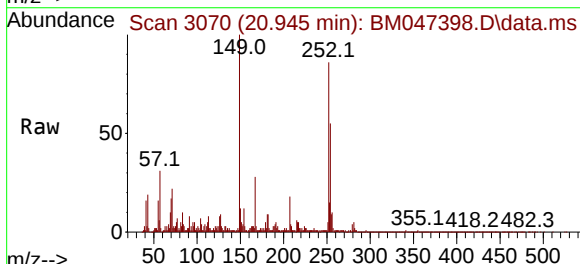
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

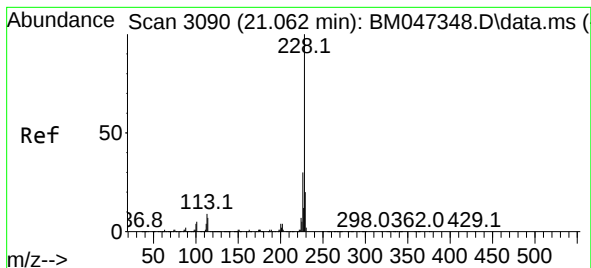
Tgt Ion:228 Resp: 1368500
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 20.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 21.636 ng
RT: 20.945 min Scan# 3070
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:252 Resp: 453345
Ion Ratio Lower Upper
252 100
254 64.5 52.1 78.1
126 9.3 7.9 11.9





#83

Chrysene

Concen: 22.001 ng

RT: 21.063 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

Instrument :

BNA_M

ClientSampleId :

AU-06-082824MSD

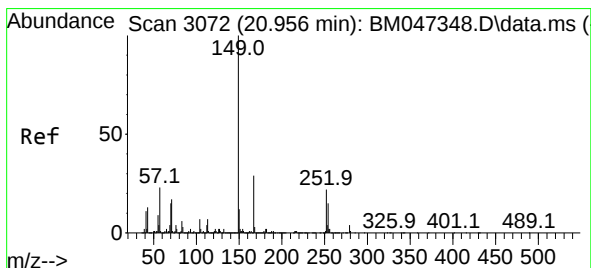
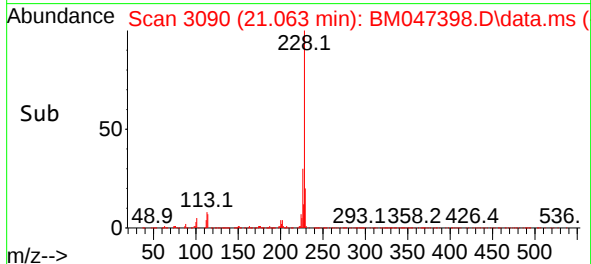
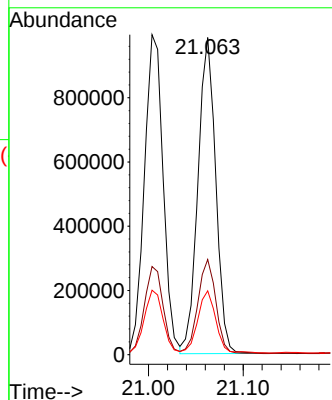
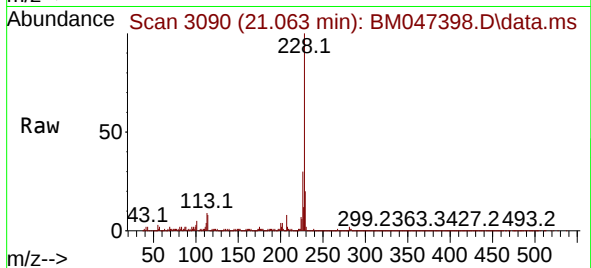
Tgt Ion:228 Resp: 1289113

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 22.708 ng

RT: 20.957 min Scan# 3072

Delta R.T. 0.000 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

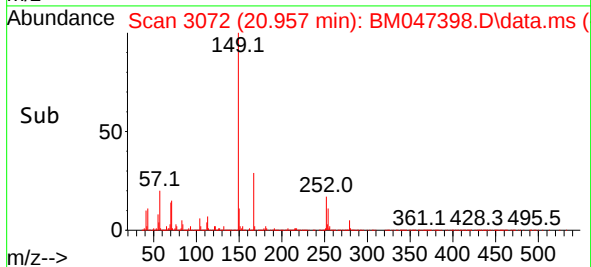
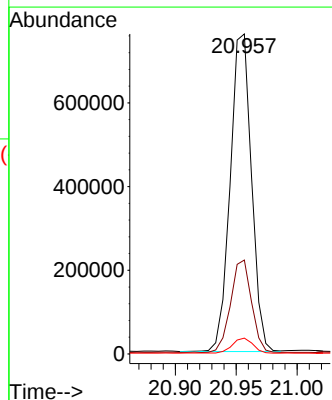
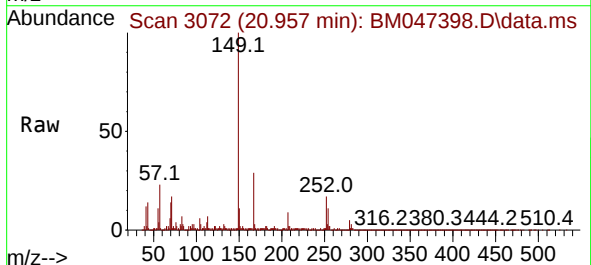
Tgt Ion:149 Resp: 920054

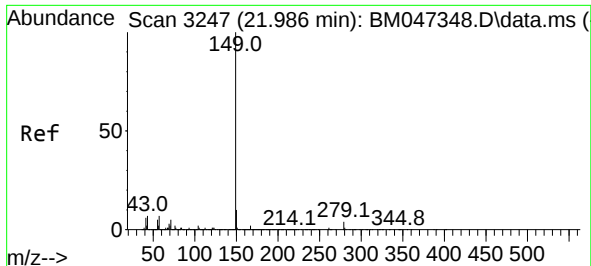
Ion Ratio Lower Upper

149 100

167 29.3 23.1 34.7

279 4.9 3.3 4.9#

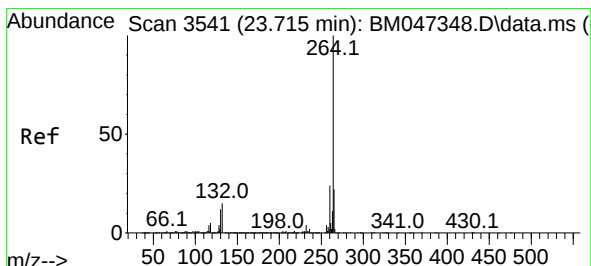
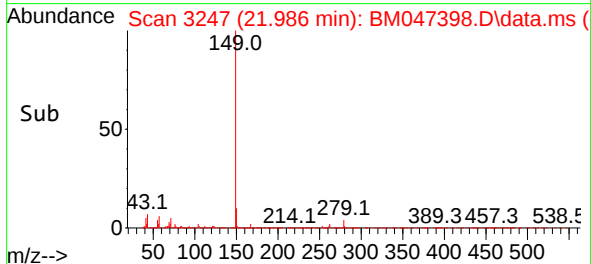
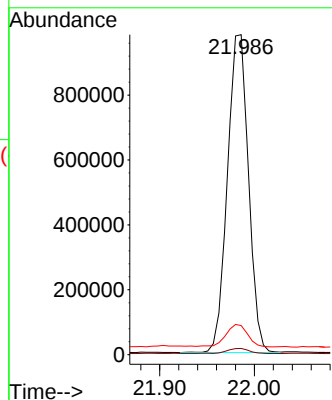
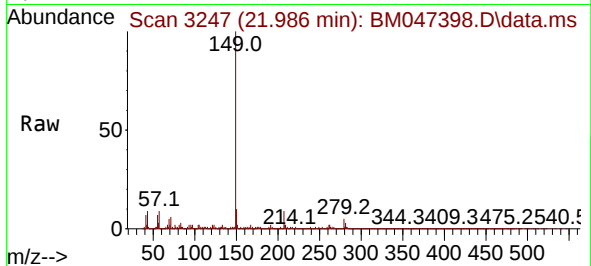




#85
Di-n-octyl phthalate
Concen: 22.245 ng
RT: 21.986 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

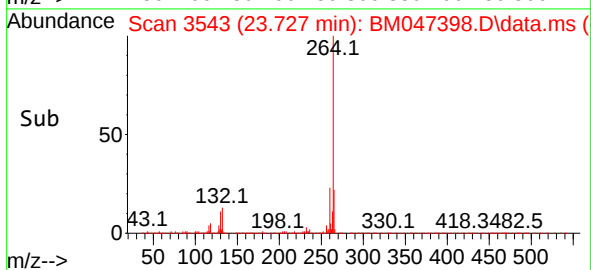
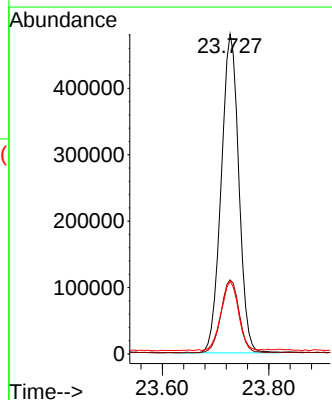
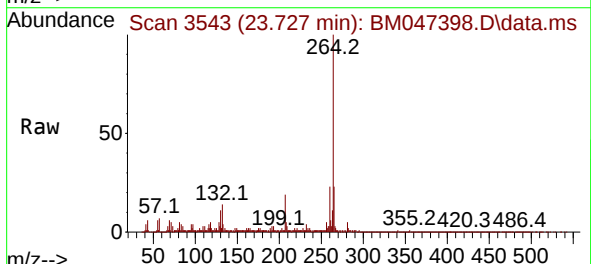
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

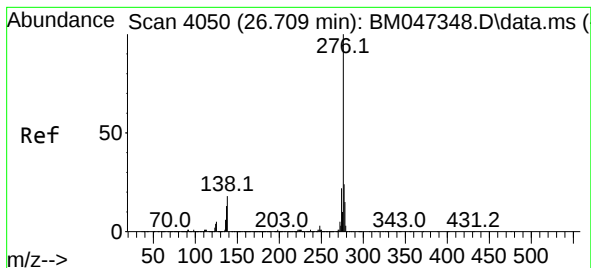
Tgt Ion:149 Resp: 1517021
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.2 6.1 9.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3543
Delta R.T. 0.012 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:264 Resp: 1101251
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 22.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 22.657 ng

RT: 26.745 min Scan# 4050

Delta R.T. 0.036 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

Instrument :

BNA_M

ClientSampleId :

AU-06-082824MSD

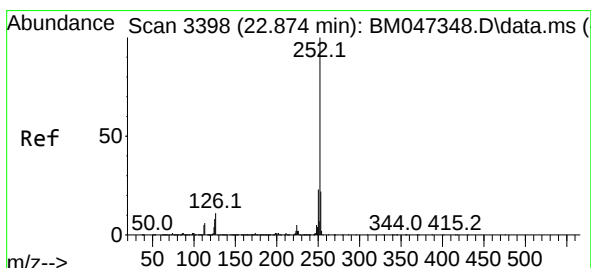
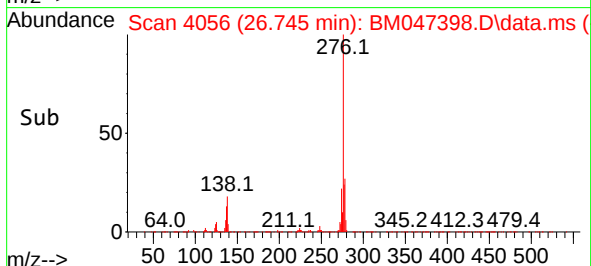
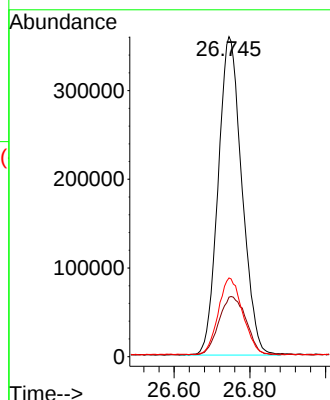
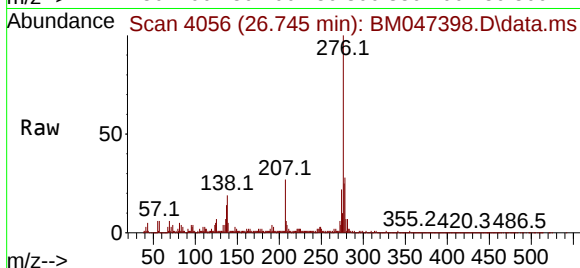
Tgt Ion:276 Resp: 1561919

Ion Ratio Lower Upper

276 100

138 20.9 17.7 26.5

277 24.8 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 20.958 ng

RT: 22.880 min Scan# 3399

Delta R.T. 0.006 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

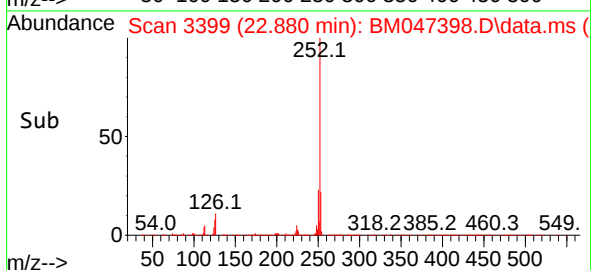
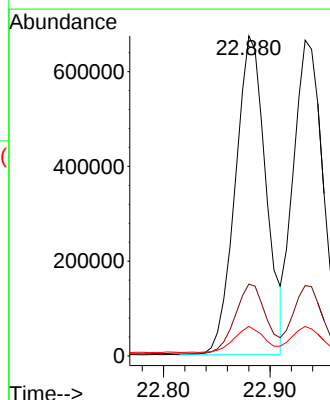
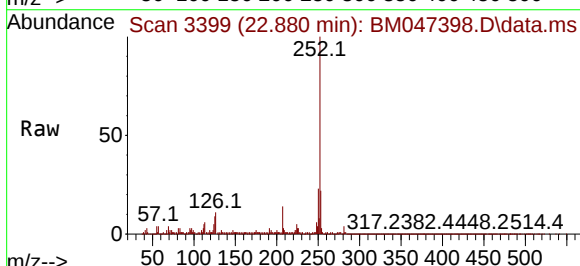
Tgt Ion:252 Resp: 1346548

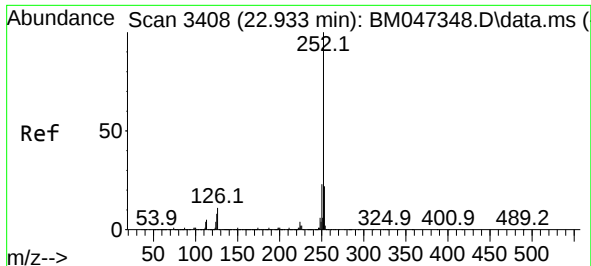
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 9.2 6.6 10.0

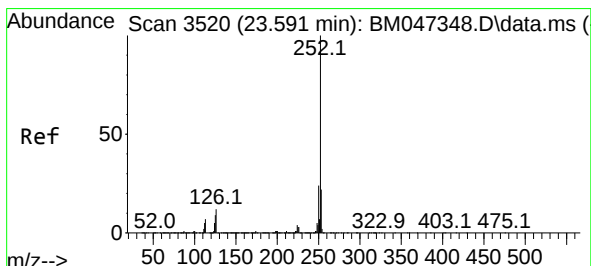
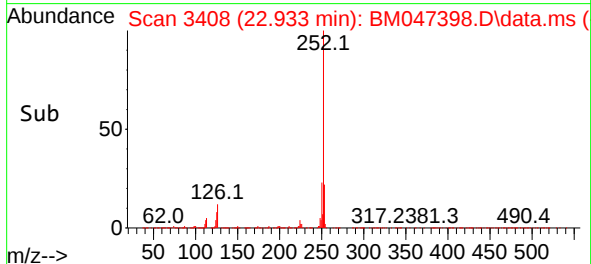
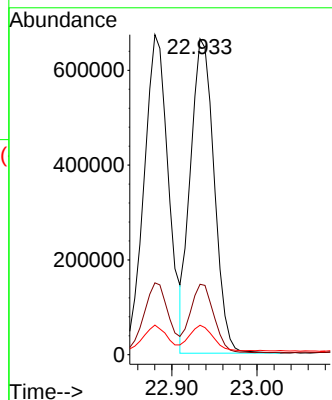
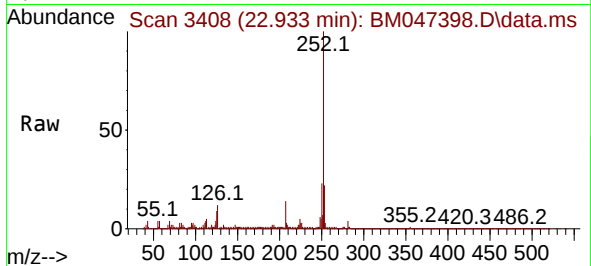




#89
Benzo(k)fluoranthene
Concen: 21.031 ng
RT: 22.933 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

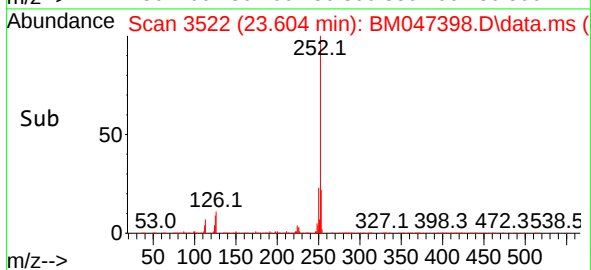
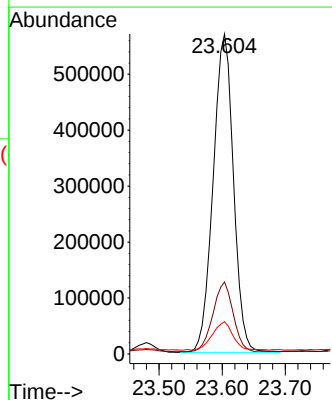
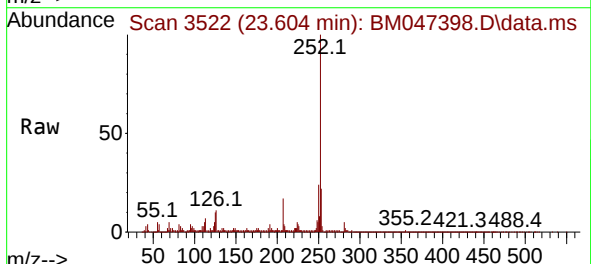
Instrument :
BNA_M
ClientSampleId :
AU-06-082824MSD

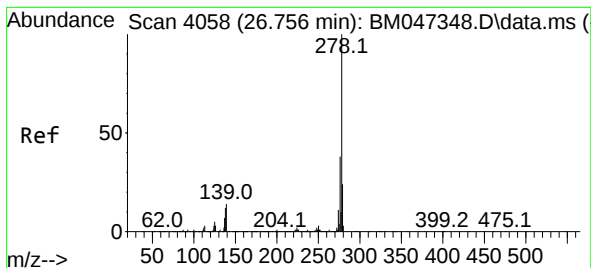
Tgt Ion:252 Resp: 1280893
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.3 6.6 9.8



#90
Benzo(a)pyrene
Concen: 22.904 ng
RT: 23.604 min Scan# 3522
Delta R.T. 0.012 min
Lab File: BM047398.D
Acq: 29 Aug 2024 17:45

Tgt Ion:252 Resp: 1272611
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.1 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 22.468 ng

RT: 26.780 min Scan# 4058

Delta R.T. 0.024 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

Instrument :

BNA_M

ClientSampleId :

AU-06-082824MSD

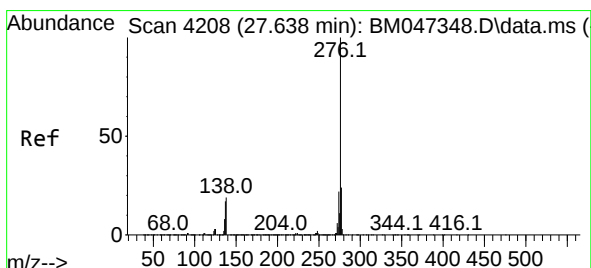
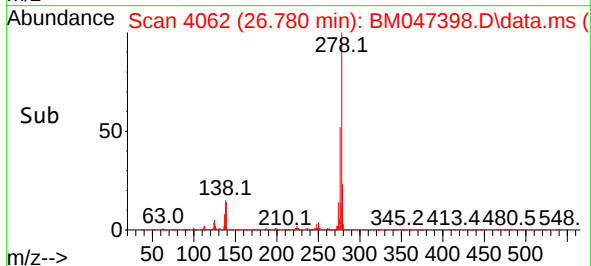
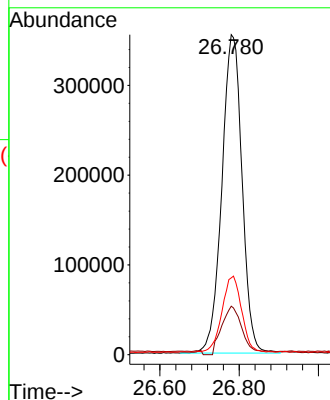
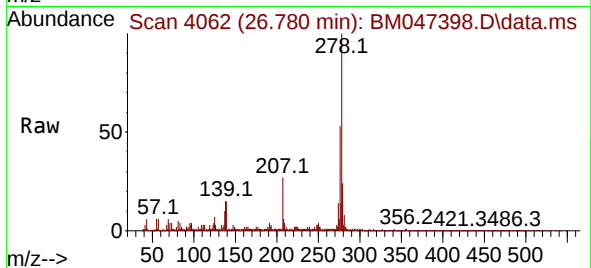
Tgt Ion:278 Resp: 1254793

Ion Ratio Lower Upper

278 100

139 15.1 11.1 16.7

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 20.512 ng

RT: 27.680 min Scan# 4215

Delta R.T. 0.042 min

Lab File: BM047398.D

Acq: 29 Aug 2024 17:45

Tgt Ion:276 Resp: 1190930

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 18.3 15.0 22.6

