

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
 Data File : BM047319.D
 Acq On : 22 Aug 2024 16:30
 Operator : RC/JU
 Sample : P3671-10MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-928-KI-SO-0.5-1-081924MSD

Quant Time: Aug 22 17:11:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	265079	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1032290	20.000	ng	-0.03
39) Acenaphthene-d10	14.016	164	681146	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1434686	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1216241	20.000	ng	-0.01
86) Perylene-d12	23.709	264	1268089	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1421525	95.822	ng	-0.01
7) Phenol-d6	6.575	99	1888082	92.365	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1222455	59.629	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	781922	99.003	ng	-0.01
45) 2-Fluorobiphenyl	12.621	172	2387226	54.061	ng	-0.02
79) Terphenyl-d14	19.445	244	3439615	60.599	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	245607	39.957	ng	96
3) Pyridine	3.393	79	648228	35.964	ng	97
4) n-Nitrosodimethylamine	3.316	42	323436	41.072	ng	97
6) Aniline	6.704	93	734986	38.041	ng	98
8) 2-Chlorophenol	6.928	128	836899	51.723	ng	99
9) Benzaldehyde	6.516	77	364315	31.114	ng	99
10) Phenol	6.598	94	981908	48.140	ng	97
11) bis(2-Chloroethyl)ether	6.804	93	783154	44.835	ng	98
12) 1,3-Dichlorobenzene	7.239	146	893487	46.470	ng	98
13) 1,4-Dichlorobenzene	7.387	146	906338	46.557	ng	99
14) 1,2-Dichlorobenzene	7.692	146	882217	48.030	ng	99
15) Benzyl Alcohol	7.610	79	747074	51.352	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.875	45	983506	43.879	ng	98
17) 2-Methylphenol	7.816	107	681096	50.052	ng	98
18) Hexachloroethane	8.404	117	343812	45.594	ng	93
19) n-Nitroso-di-n-propyla...	8.163	70	595604	43.257	ng	98
20) 3+4-Methylphenols	8.145	107	922291	48.481	ng	99
22) Acetophenone	8.175	105	1137192	45.638	ng	99
24) Nitrobenzene	8.545	77	915179	44.333	ng	96
25) Isophorone	9.069	82	1687583	47.277	ng	98
26) 2-Nitrophenol	9.239	139	483432	52.879	ng	96
27) 2,4-Dimethylphenol	9.328	122	675765	63.102	ng	99
28) bis(2-Chloroethoxy)met...	9.551	93	1064554	47.397	ng	99
29) 2,4-Dichlorophenol	9.781	162	882288	55.526	ng	98
30) 1,2,4-Trichlorobenzene	9.975	180	882796	49.093	ng	100
31) Naphthalene	10.157	128	2414511	46.952	ng	100
32) Benzoic acid	9.528	122	623426	50.107	ng	98
33) 4-Chloroaniline	10.286	127	448160	22.662	ng	98
34) Hexachlorobutadiene	10.439	225	559176	53.128	ng	100
35) Caprolactam	11.104	113	273274	49.522	ng	92
36) 4-Chloro-3-methylphenol	11.445	107	853863	50.457	ng	99
37) 2-Methylnaphthalene	11.786	142	1766683	48.251	ng	99
38) 1-Methylnaphthalene	12.010	142	1667187	46.072	ng	97
40) 1,2,4,5-Tetrachloroben...	12.169	216	989566	53.264	ng	99
41) Hexachlorocyclopentadiene	12.139	237	1125632	173.510	ng	98
43) 2,4,6-Trichlorophenol	12.427	196	729631	55.254	ng	99

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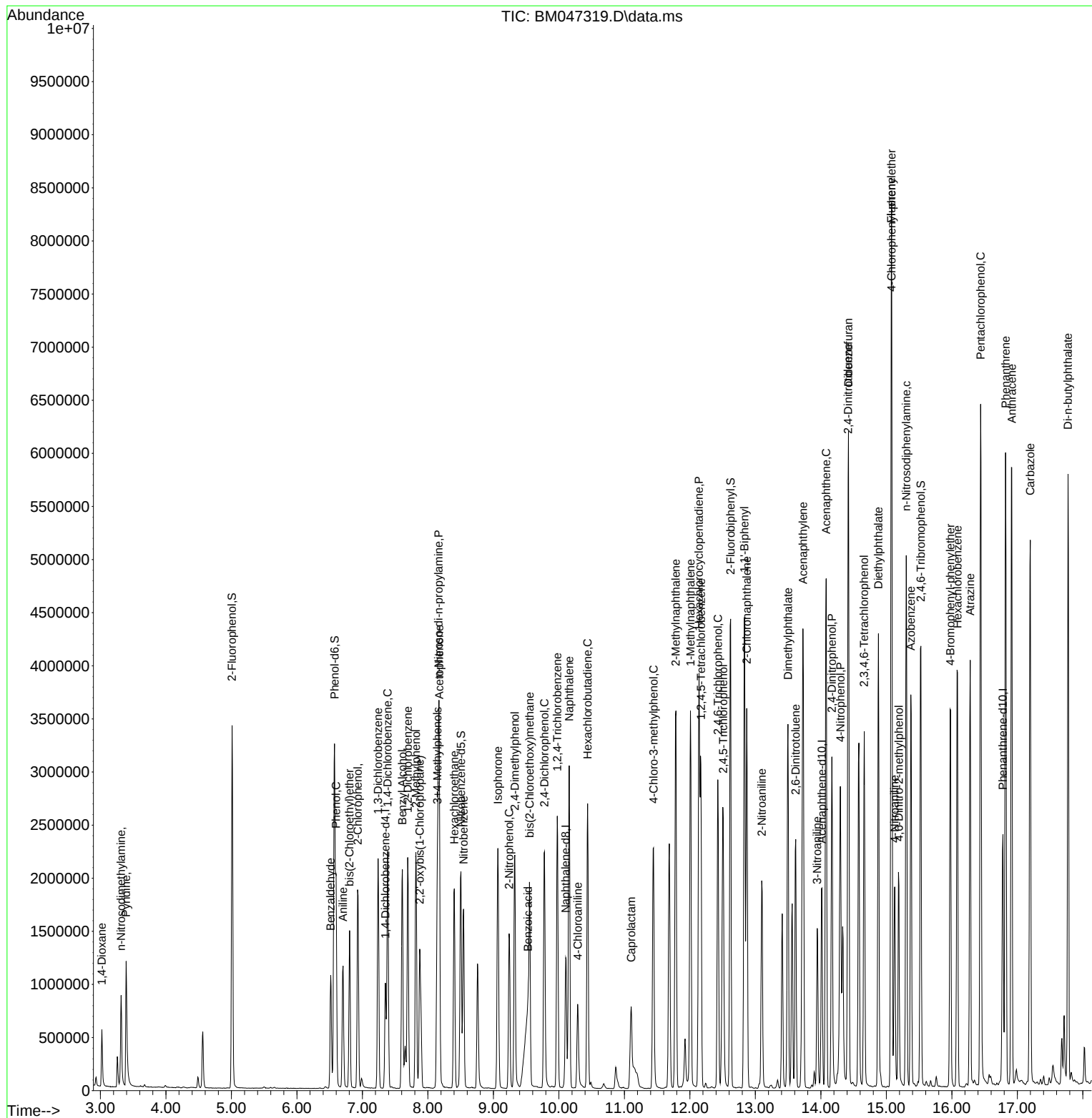
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.510	196	780589	53.240	ng	97
46) 1,1'-Biphenyl	12.833	154	2324580	47.938	ng	98
47) 2-Chloronaphthalene	12.869	162	1799865	47.488	ng	99
48) 2-Nitroaniline	13.098	65	563130	47.426	ng	98
49) Acenaphthylene	13.727	152	2881005	51.568	ng	99
50) Dimethylphthalate	13.498	163	2379344	50.016	ng	99
51) 2,6-Dinitrotoluene	13.616	165	540482	48.602	ng	88
52) Acenaphthene	14.080	154	1751103	49.412	ng	99
53) 3-Nitroaniline	13.945	138	390033	35.002	ng	98
54) 2,4-Dinitrophenol	14.168	184	750464	112.597	ng	90
55) Dibenzofuran	14.421	168	2783013	49.717	ng	98
56) 4-Nitrophenol	14.298	139	902428	93.916	ng	98
57) 2,4-Dinitrotoluene	14.415	165	718414	48.400	ng	97
58) Fluorene	15.074	166	2233074	48.348	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	679116	56.359	ng	93
60) Diethylphthalate	14.880	149	2336527	48.097	ng	98
61) 4-Chlorophenyl-phenyle...	15.080	204	1111002	50.526	ng	96
62) 4-Nitroaniline	15.127	138	504709	45.975	ng	94
63) Azobenzene	15.374	77	2091378	45.404	ng	96
65) 4,6-Dinitro-2-methylph...	15.192	198	468157	55.734	ng	87
66) n-Nitrosodiphenylamine	15.304	169	1976912	50.590	ng	99
67) 4-Bromophenyl-phenylether	15.980	248	735182	53.178	ng	96
68) Hexachlorobenzene	16.086	284	846570	51.129	ng	93
69) Atrazine	16.280	200	767123	65.237	ng	99
70) Pentachlorophenol	16.439	266	1167237	100.568	ng	99
71) Phenanthrene	16.821	178	3584059	49.778	ng	100
72) Anthracene	16.915	178	3674292	52.446	ng	100
73) Carbazole	17.198	167	3428450	47.929	ng	99
74) Di-n-butylphthalate	17.774	149	4152848	49.895	ng	100
75) Fluoranthene	18.856	202	4368791	49.885	ng	99
77) Benzidine	19.062	184	2268236	109.972	ng	99
78) Pyrene	19.221	202	4576440	52.698	ng	99
80) Butylbenzylphthalate	20.162	149	1972160	55.647	ng	94
81) Benzo(a)anthracene	21.003	228	4149843	51.397	ng	99
82) 3,3'-Dichlorobenzidine	20.944	252	1069129	42.321	ng	99
83) Chrysene	21.062	228	3858865	50.374	ng	99
84) Bis(2-ethylhexyl)phtha...	20.962	149	2757138	54.857	ng	# 98
85) Di-n-octyl phthalate	21.986	149	4848697	56.757	ng	98
87) Indeno(1,2,3-cd)pyrene	26.709	276	3884310	47.389	ng	98
88) Benzo(b)fluoranthene	22.874	252	3834235	50.915	ng	99
89) Benzo(k)fluoranthene	22.927	252	3779869	53.140	ng	99
90) Benzo(a)pyrene	23.585	252	3511970	53.835	ng	99
91) Dibenzo(a,h)anthracene	26.750	278	3107788	46.851	ng	99
92) Benzo(g,h,i)perylene	27.632	276	2936041	42.631	ng	98

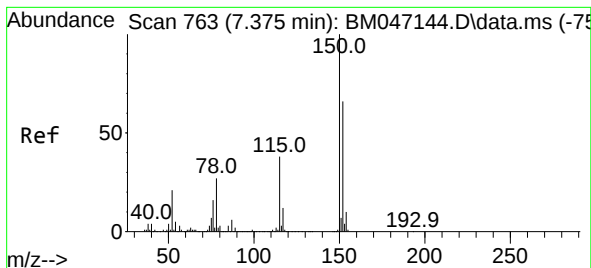
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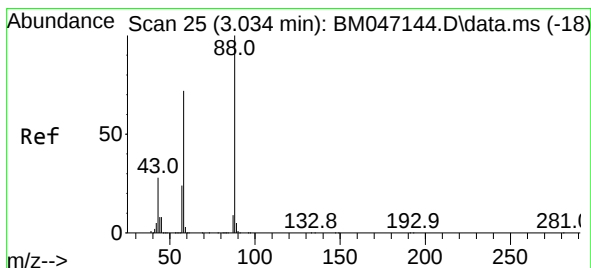
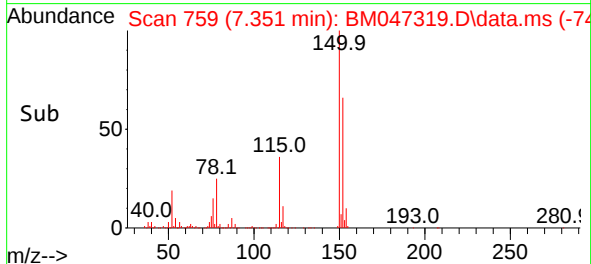
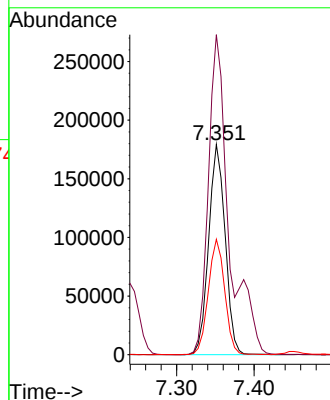
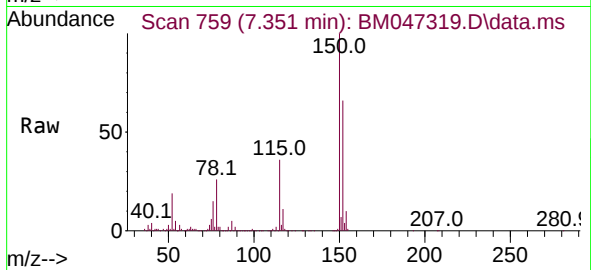




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 7
Delta R.T. -0.024 min
Lab File: BM047319.D
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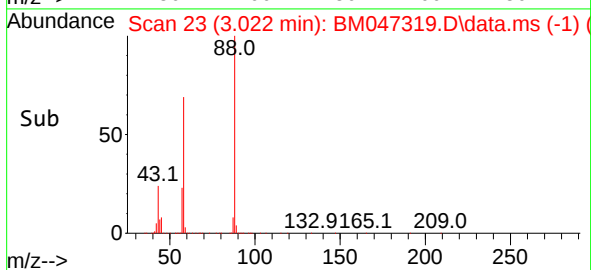
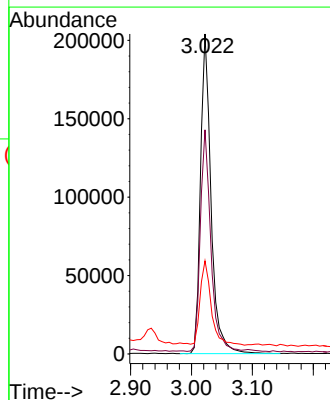
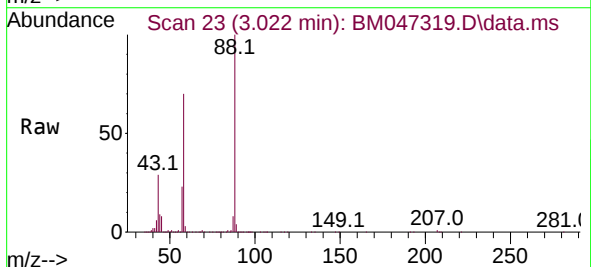
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

Tgt Ion:152 Resp: 265079
Ion Ratio Lower Upper
152 100
150 152.2 120.5 180.7
115 54.9 45.5 68.3



#2
1,4-Dioxane
Concen: 39.957 ng
RT: 3.022 min Scan# 23
Delta R.T. -0.012 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion: 88 Resp: 245607
Ion Ratio Lower Upper
88 100
58 68.8 58.2 87.4
43 27.7 22.5 33.7

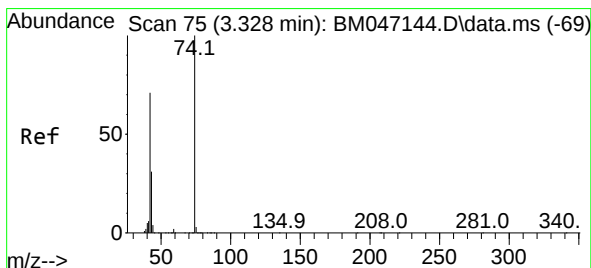
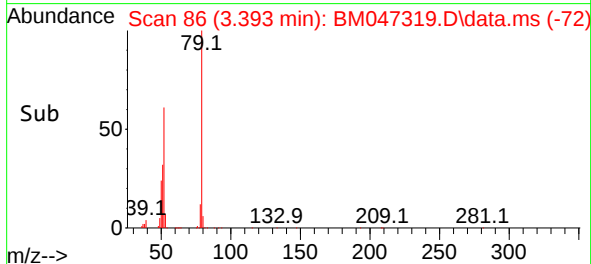
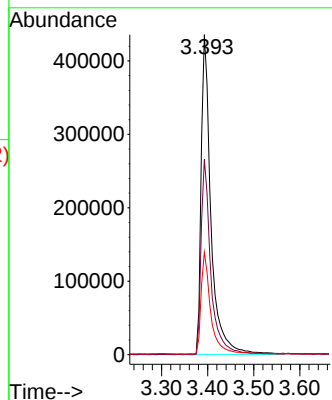
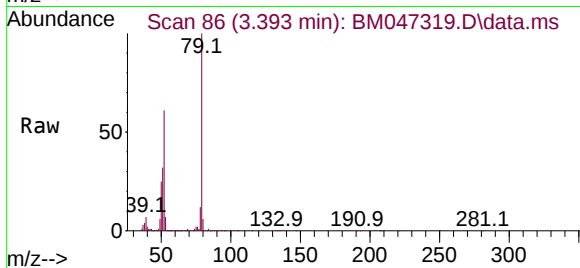




#3
Pyridine
Concen: 35.964 ng
RT: 3.393 min Scan# 80
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

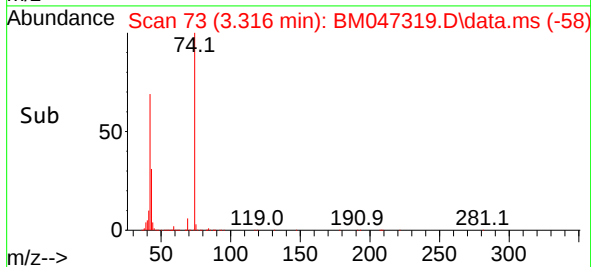
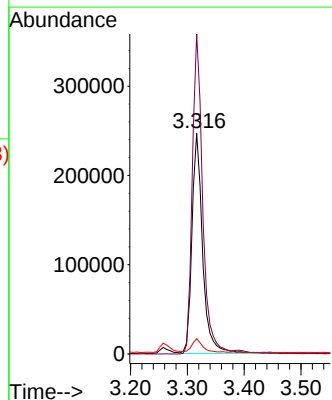
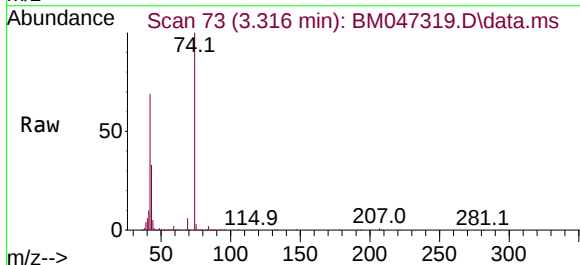
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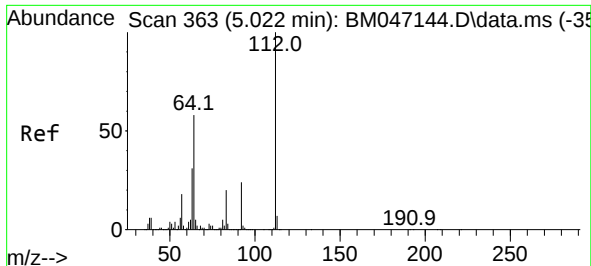
Tgt Ion: 79 Resp: 648228
Ion Ratio Lower Upper
79 100
52 61.0 51.2 76.8
51 32.0 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 41.072 ng
RT: 3.316 min Scan# 73
Delta R.T. -0.012 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion: 42 Resp: 323436
Ion Ratio Lower Upper
42 100
74 145.0 112.9 169.3
44 7.0 5.3 7.9

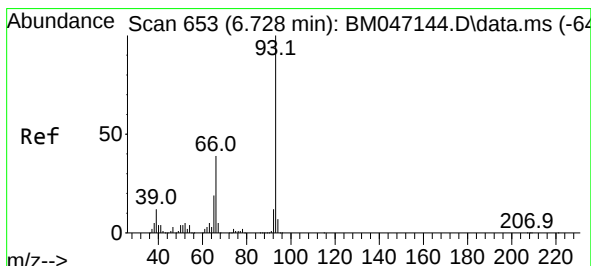
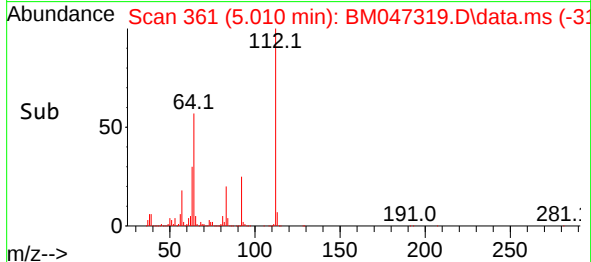
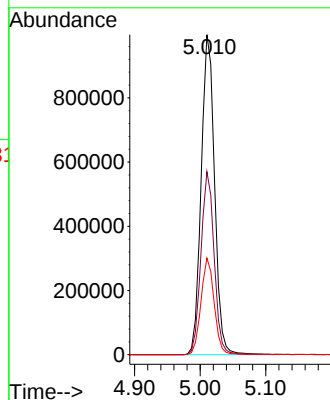
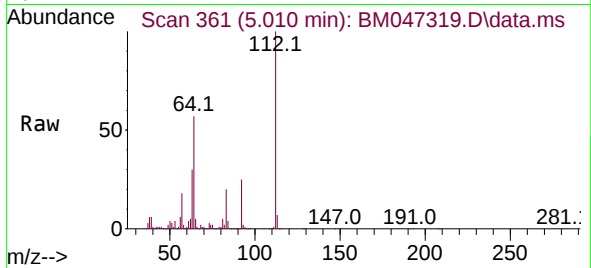




#5
2-Fluorophenol
Concen: 95.822 ng
RT: 5.010 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

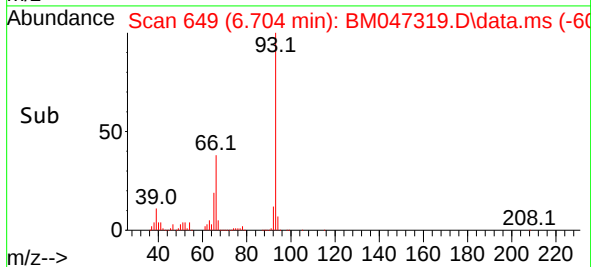
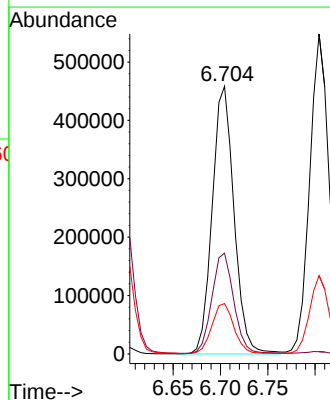
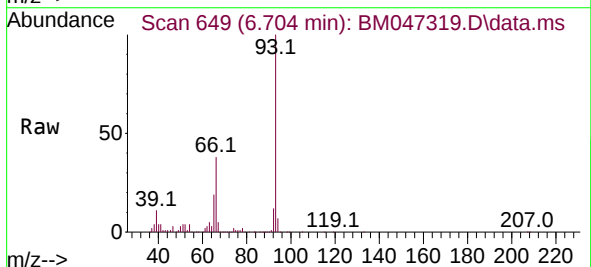
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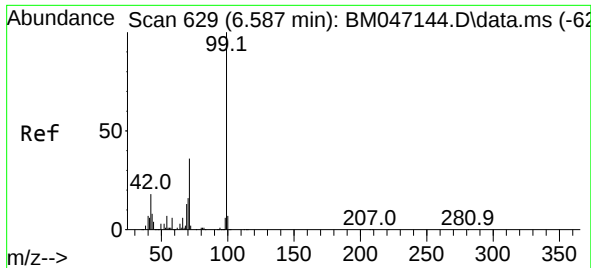
Tgt Ion:112 Resp: 1421525
Ion Ratio Lower Upper
112 100
64 57.2 46.7 70.1
63 30.2 24.8 37.2



#6
Aniline
Concen: 38.041 ng
RT: 6.704 min Scan# 649
Delta R.T. -0.024 min
Lab File: BM047319.D
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Tgt Ion: 93 Resp: 734986
Ion Ratio Lower Upper
93 100
66 37.6 31.4 47.2
65 18.8 15.6 23.4



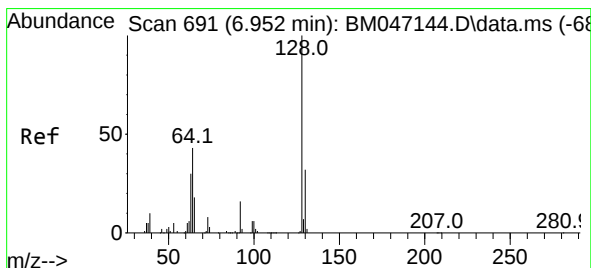
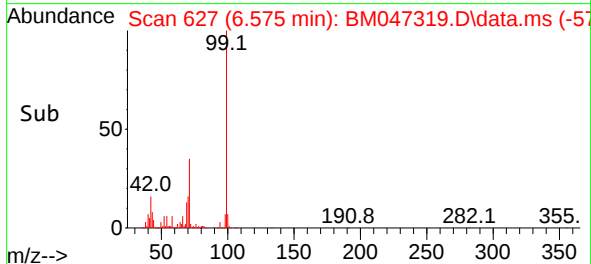
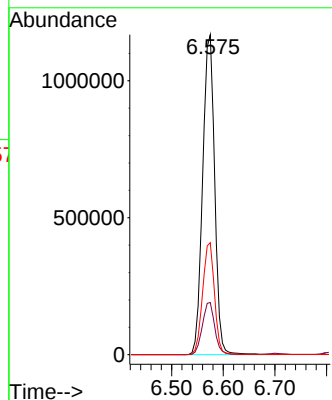
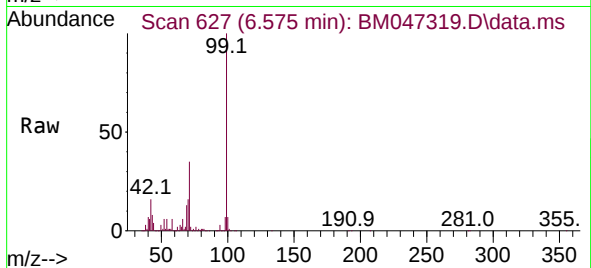


#7
Phenol-d6
Concen: 92.365 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047319.D
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Tgt Ion: 99 Resp: 1888082

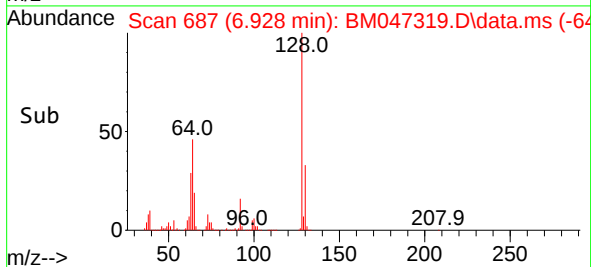
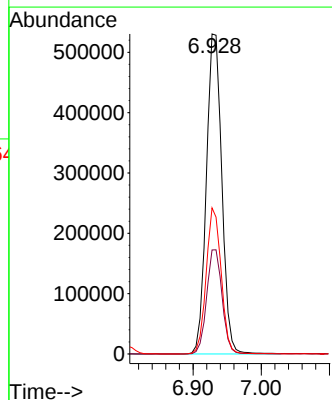
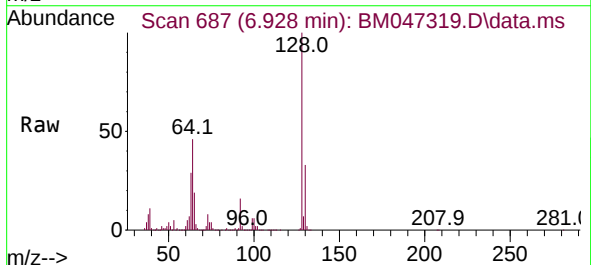
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	35.0	28.5	42.7



#8
2-Chlorophenol
Concen: 51.723 ng
RT: 6.928 min Scan# 687
Delta R.T. -0.024 min
Lab File: BM047319.D
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Tgt Ion: 128 Resp: 836899

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.1	52.1
64	45.7	26.6	66.6

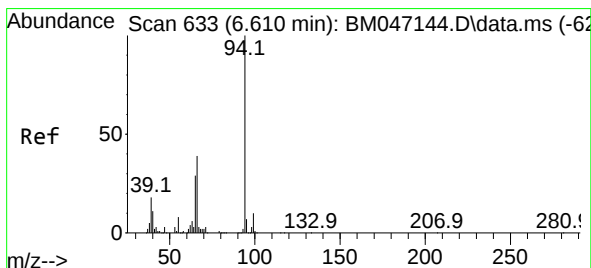
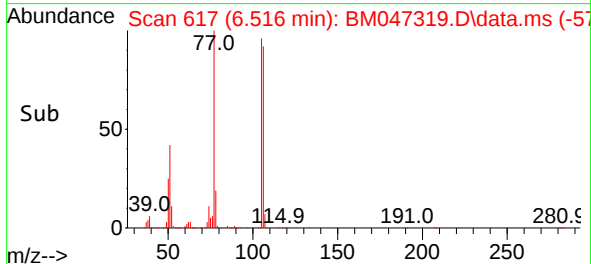
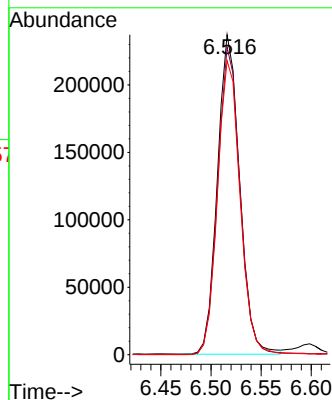
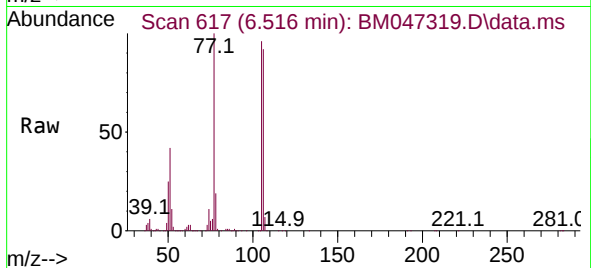




#9
Benzaldehyde
Concen: 31.114 ng
RT: 6.516 min Scan# 617
Delta R.T. -0.024 min
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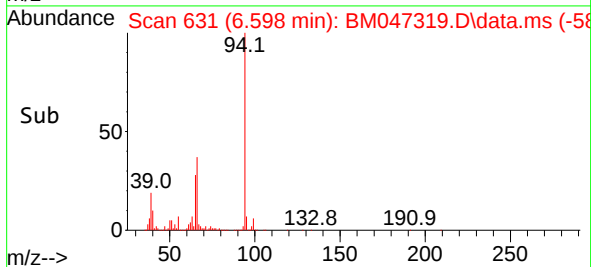
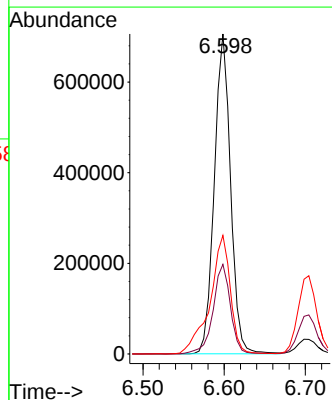
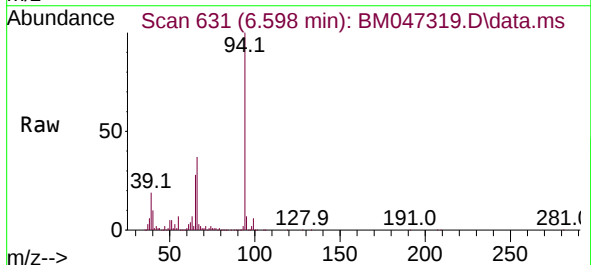
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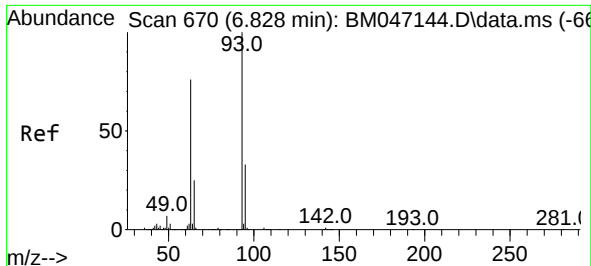
Tgt Ion: 77 Resp: 364315
Ion Ratio Lower Upper
77 100
105 96.0 74.5 114.5
106 91.9 72.3 112.3



#10
Phenol
Concen: 48.140 ng
RT: 6.598 min Scan# 631
Delta R.T. -0.012 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion: 94 Resp: 981908
Ion Ratio Lower Upper
94 100
65 28.0 9.0 49.0
66 37.1 18.9 58.9

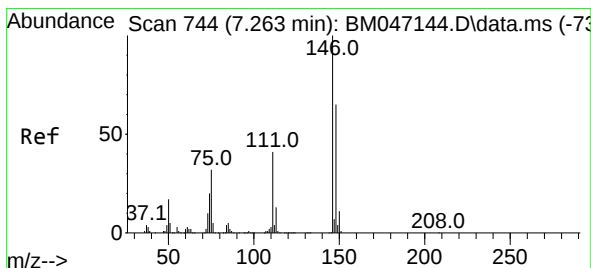
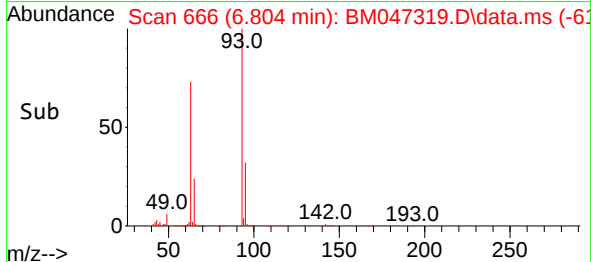
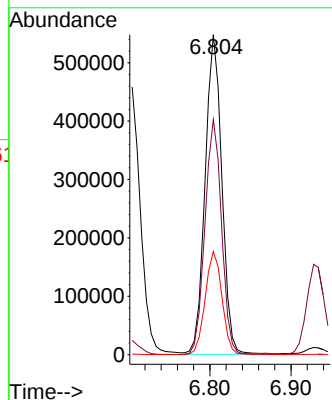
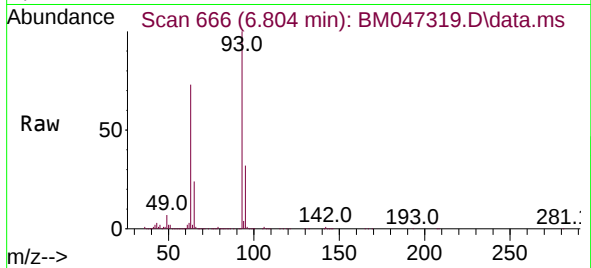




#11
bis(2-Chloroethyl)ether
Concen: 44.835 ng
RT: 6.804 min Scan# 60
Delta R.T. -0.024 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

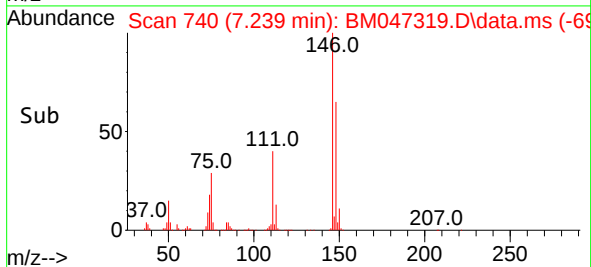
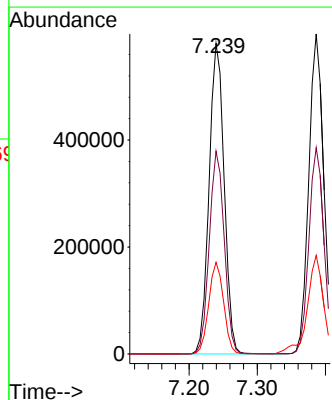
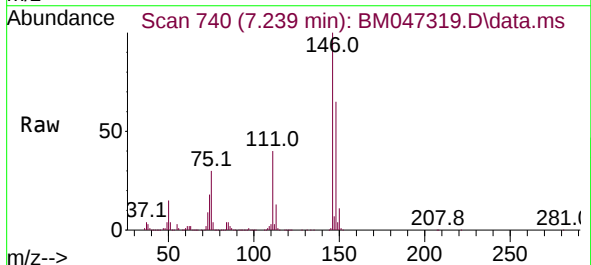
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

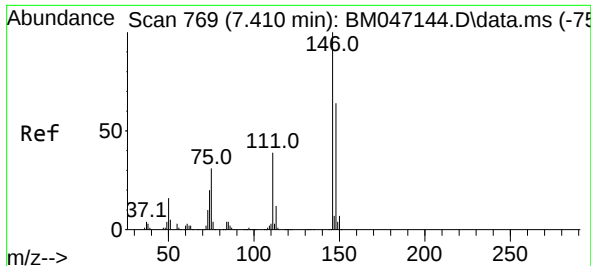
Tgt Ion: 93 Resp: 783154
Ion Ratio Lower Upper
93 100
63 73.5 55.8 95.8
95 32.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 46.470 ng
RT: 7.239 min Scan# 740
Delta R.T. -0.024 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion:146 Resp: 893487
Ion Ratio Lower Upper
146 100
148 65.3 52.3 78.5
75 29.5 25.8 38.6

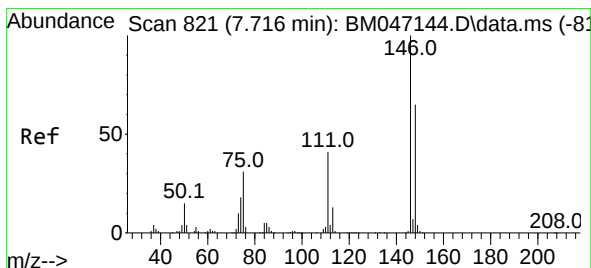
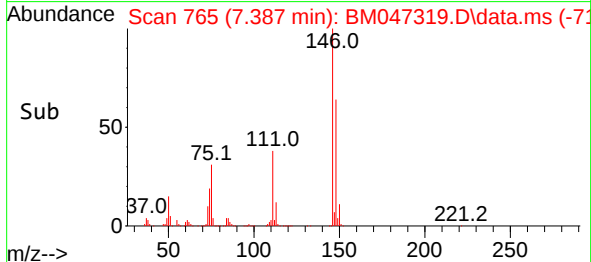
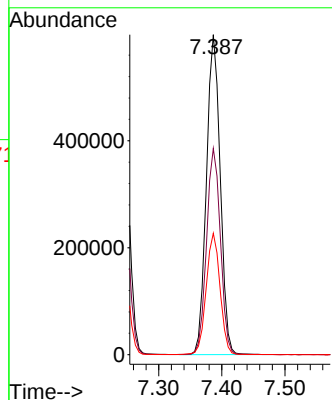
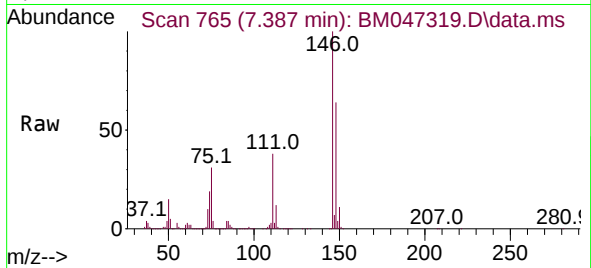




#13
1,4-Dichlorobenzene
Concen: 46.557 ng
RT: 7.387 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

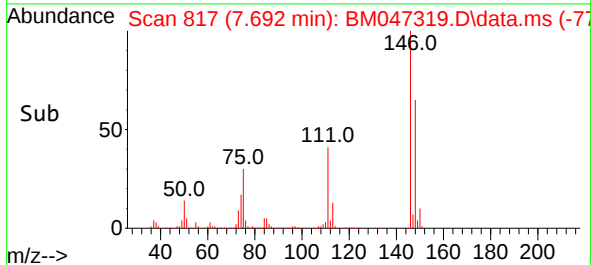
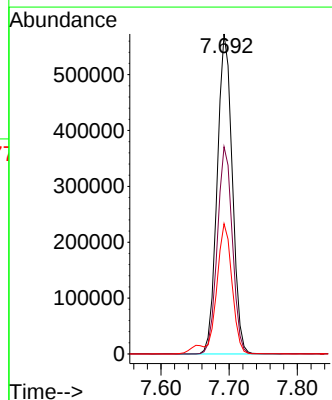
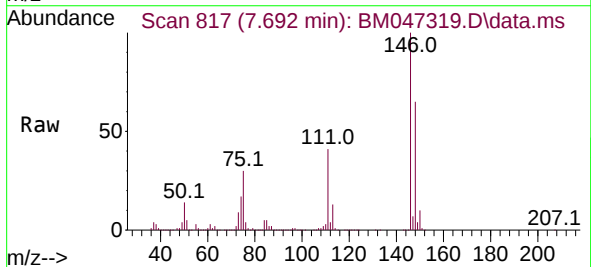
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

Tgt Ion:146 Resp: 906338
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
111 37.9 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 48.030 ng
RT: 7.692 min Scan# 817
Delta R.T. -0.024 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion:146 Resp: 882217
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
111 40.7 33.3 49.9

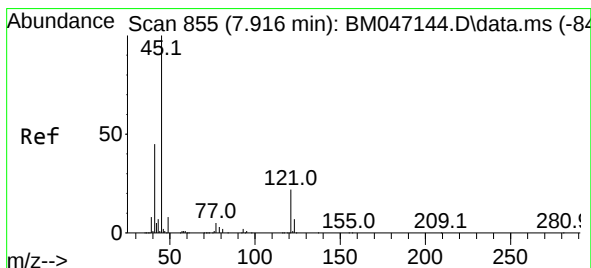
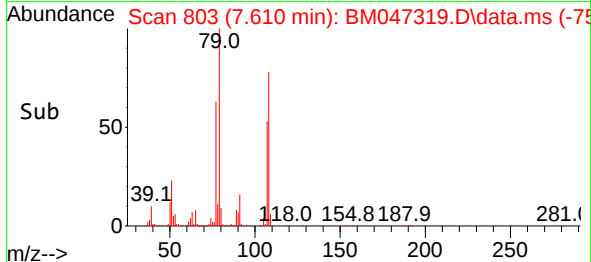
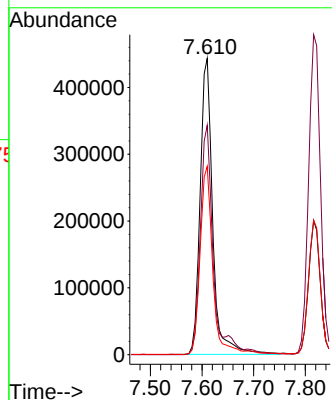
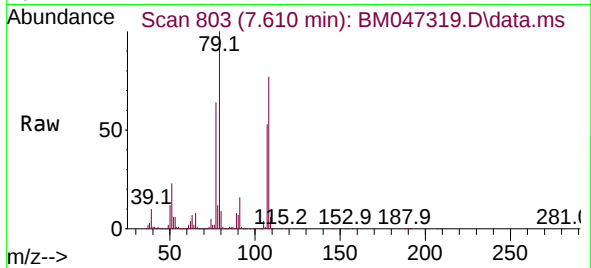




#15
Benzyl Alcohol
Concen: 51.352 ng
RT: 7.610 min Scan# 803
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

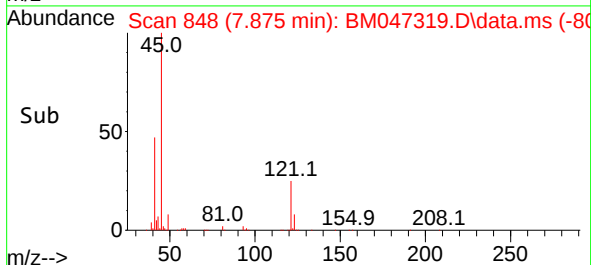
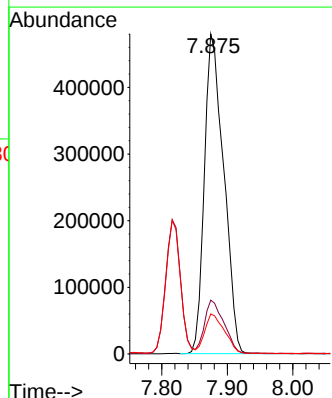
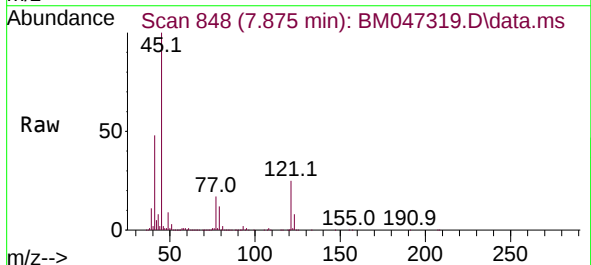
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

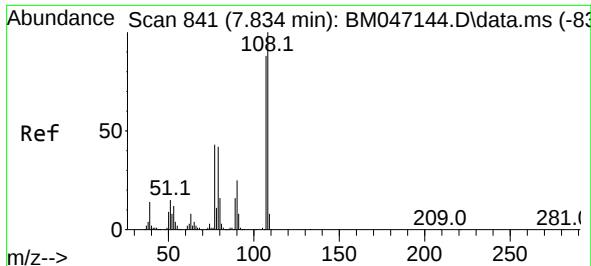
Tgt Ion: 79 Resp: 747074
Ion Ratio Lower Upper
79 100
108 77.4 59.7 89.5
77 63.5 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.879 ng
RT: 7.875 min Scan# 848
Delta R.T. -0.041 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion: 45 Resp: 983506
Ion Ratio Lower Upper
45 100
77 16.8 0.0 35.6
79 12.5 0.0 32.4

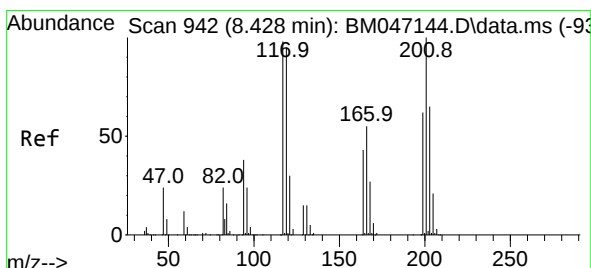
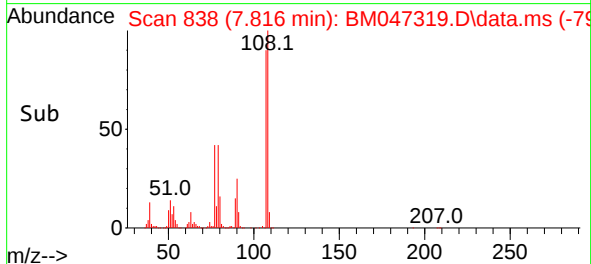
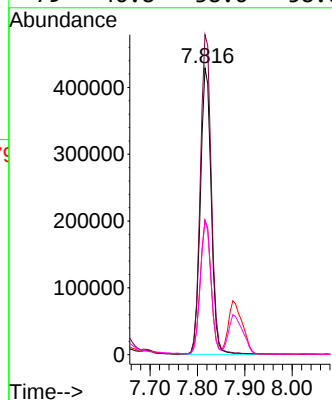
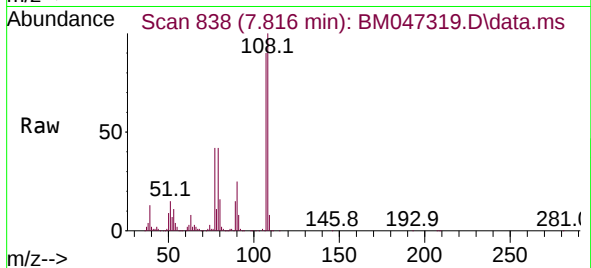




#17
2-Methylphenol
Concen: 50.052 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

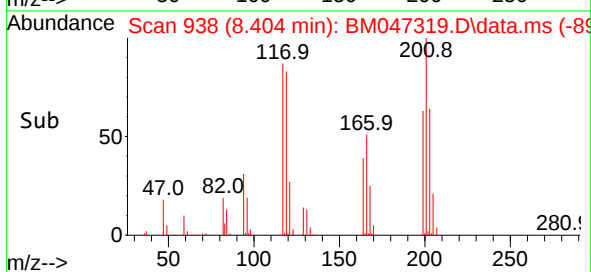
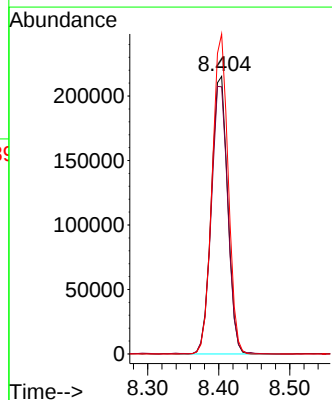
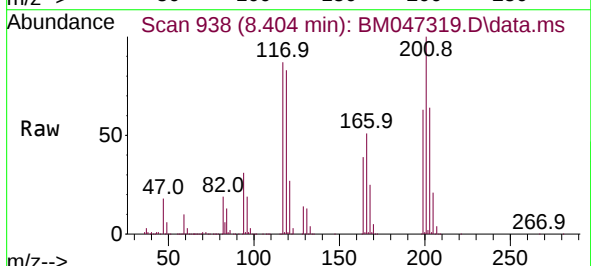
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

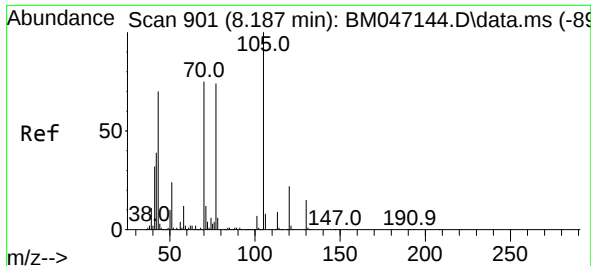
Tgt Ion:	107	Resp:	681096
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.6	135.8
77	47.0	39.3	58.9
79	46.8	38.6	58.0



#18
Hexachloroethane
Concen: 45.594 ng
RT: 8.404 min Scan# 938
Delta R.T. -0.024 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion:	117	Resp:	343812
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
201	115.2	81.3	121.9



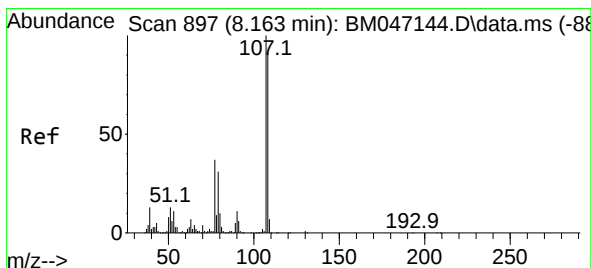
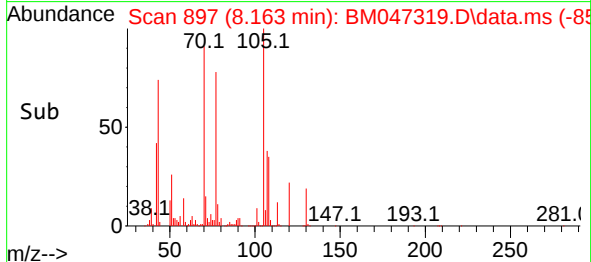
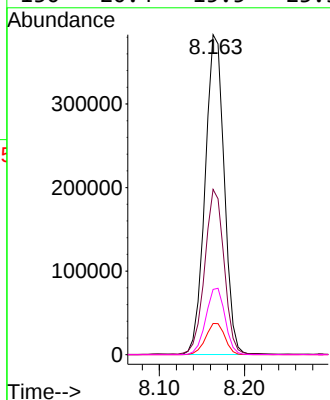
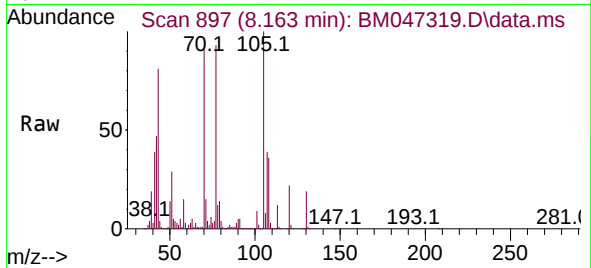


#19
n-Nitroso-di-n-propylamine
Concen: 43.257 ng
RT: 8.163 min Scan# 897
Delta R.T. -0.024 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

Tgt Ion: 70 Resp: 595604

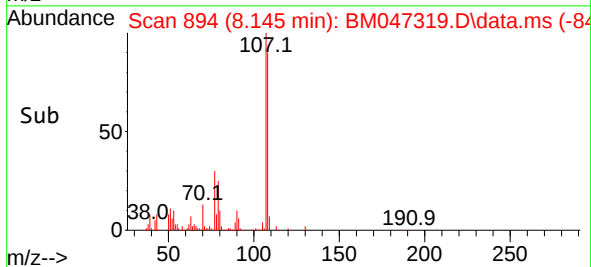
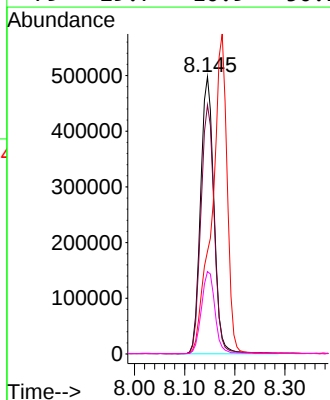
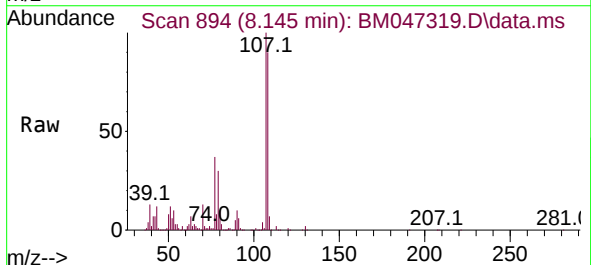
Ion	Ratio	Lower	Upper
70	100		
42	51.6	42.0	63.0
101	9.7	7.2	10.8
130	20.4	15.5	23.3



#20
3+4-Methylphenols
Concen: 48.481 ng
RT: 8.145 min Scan# 894
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion: 107 Resp: 922291

Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.7	110.7
77	37.0	17.4	57.4
79	29.7	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.104 min Scan# 11

Delta R.T. -0.030 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

Tgt Ion:136 Resp: 1032290

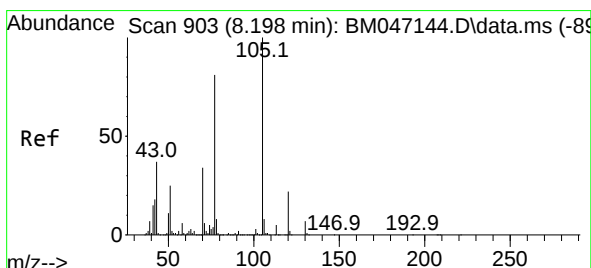
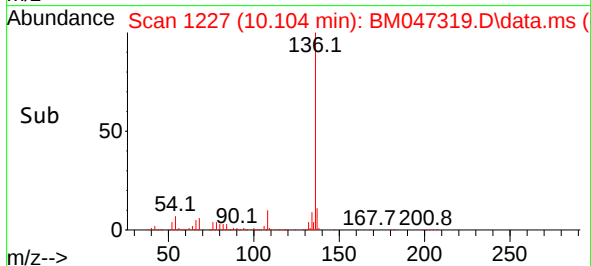
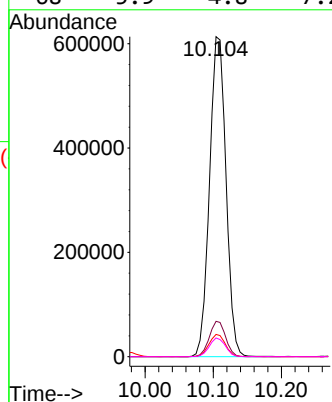
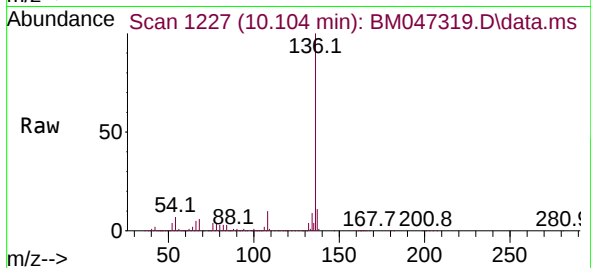
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.0 6.0 9.0

68 5.9 4.8 7.2



#22

Acetophenone

Concen: 45.638 ng

RT: 8.175 min Scan# 899

Delta R.T. -0.024 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Tgt Ion:105 Resp: 1137192

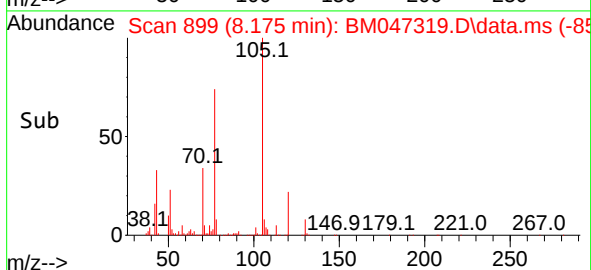
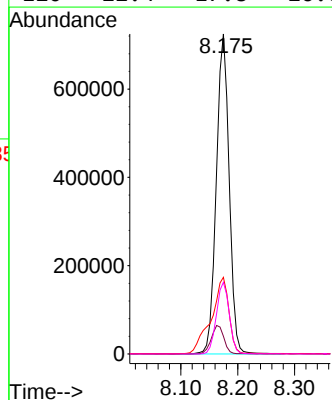
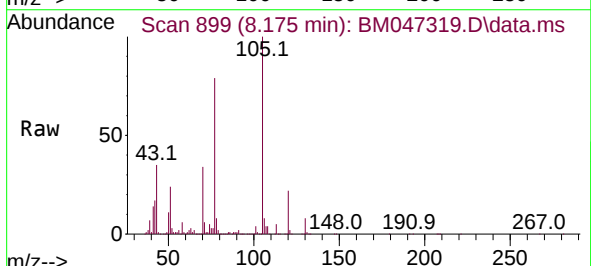
Ion Ratio Lower Upper

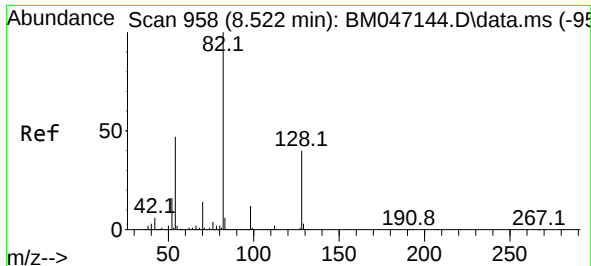
105 100

71 5.5 4.5 6.7

51 23.9 20.1 30.1

120 22.4 17.8 26.6

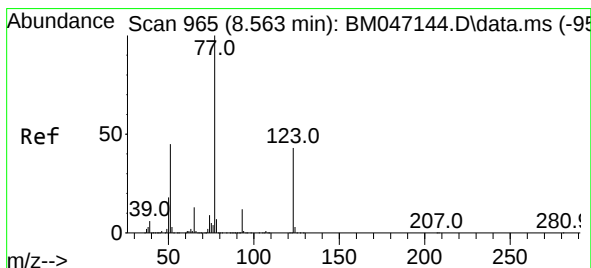
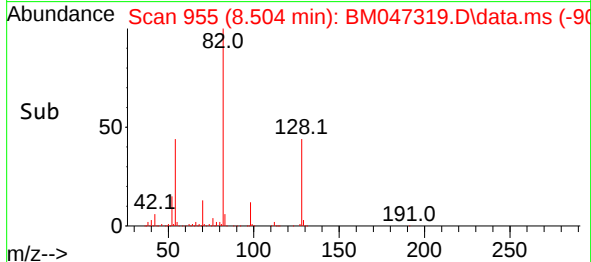
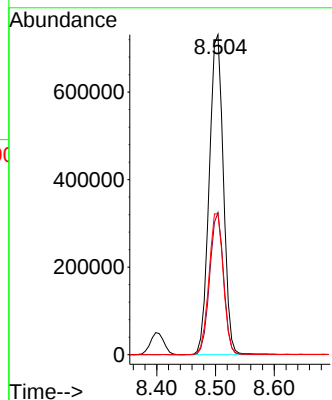
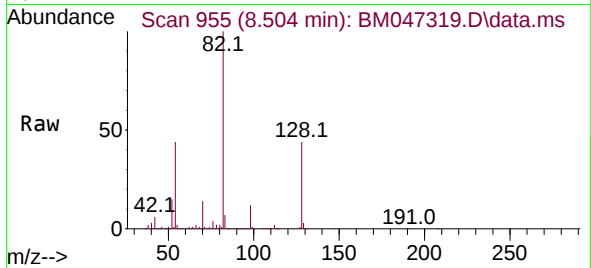




#23
Nitrobenzene-d5
Concen: 59.629 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

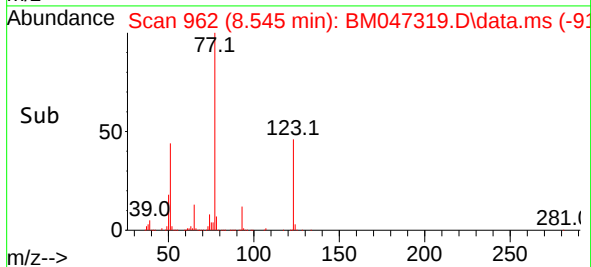
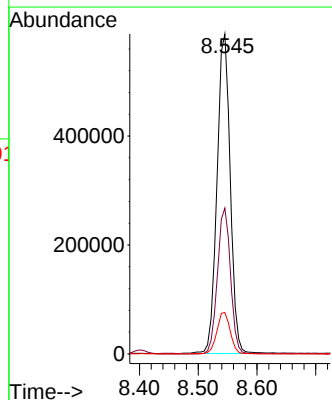
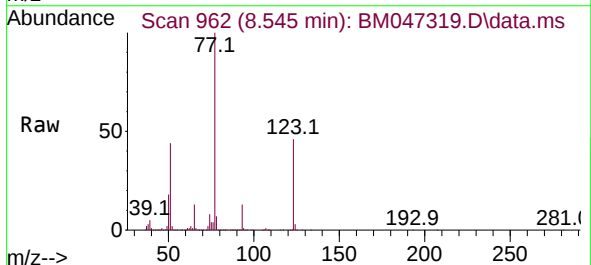
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

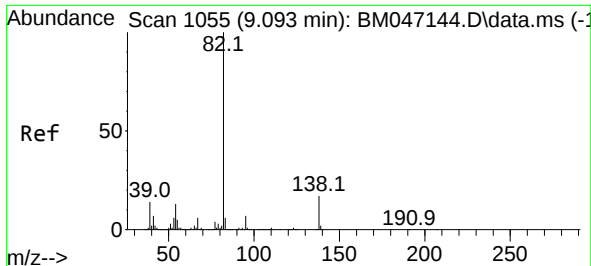
Tgt Ion: 82 Resp: 1222455
Ion Ratio Lower Upper
82 100
128 44.4 32.3 48.5
54 44.1 37.4 56.2



#24
Nitrobenzene
Concen: 44.333 ng
RT: 8.545 min Scan# 962
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion: 77 Resp: 915179
Ion Ratio Lower Upper
77 100
123 45.6 34.0 51.0
65 13.0 10.5 15.7





#25

Isophorone

Concen: 47.277 ng

RT: 9.069 min Scan# 1051

Delta R.T. -0.024 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

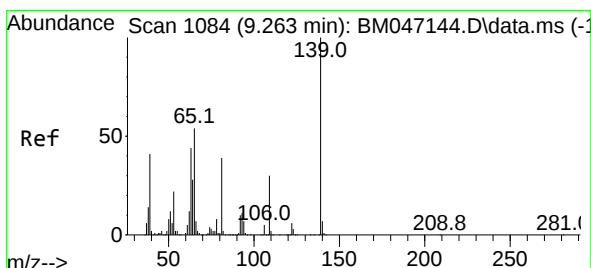
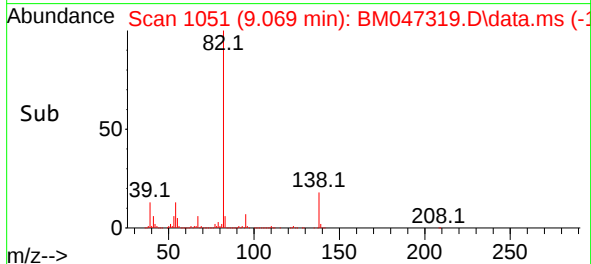
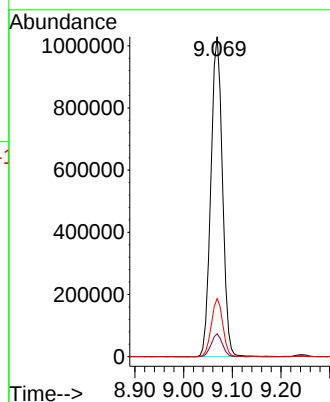
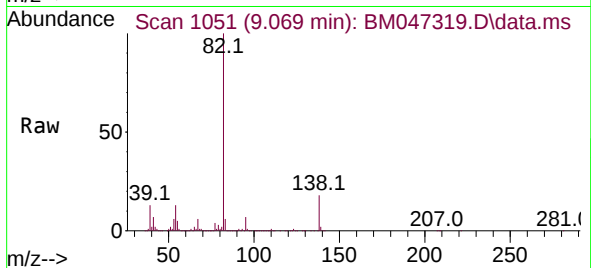
Tgt Ion: 82 Resp: 1687583

Ion Ratio Lower Upper

82 100

95 7.2 5.5 8.3

138 18.1 13.5 20.3



#26

2-Nitrophenol

Concen: 52.879 ng

RT: 9.239 min Scan# 1080

Delta R.T. -0.024 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

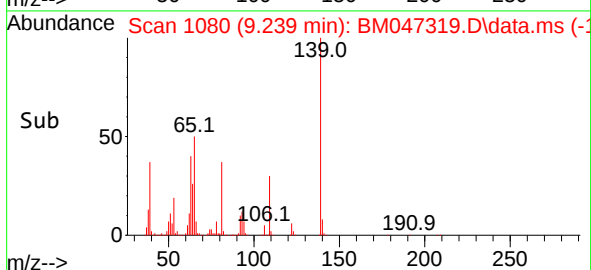
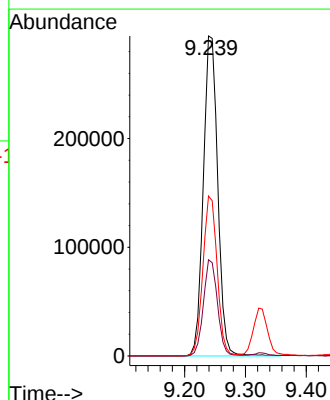
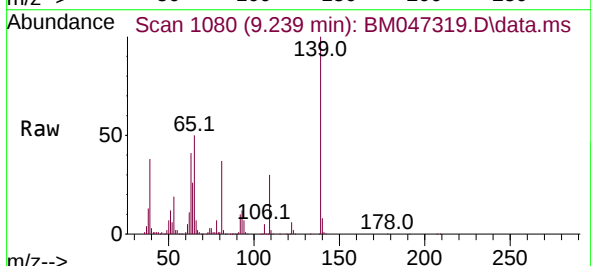
Tgt Ion:139 Resp: 483432

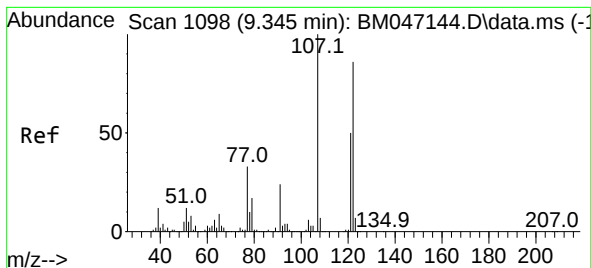
Ion Ratio Lower Upper

139 100

109 30.1 24.4 36.6

65 50.0 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 63.102 ng

RT: 9.328 min Scan# 1095

Delta R.T. -0.018 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

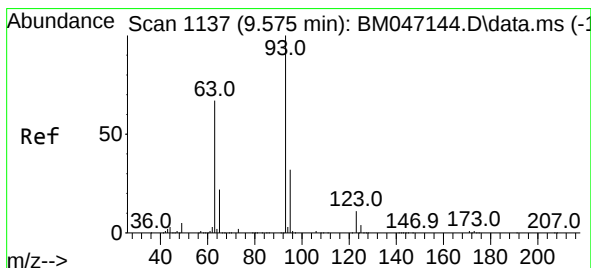
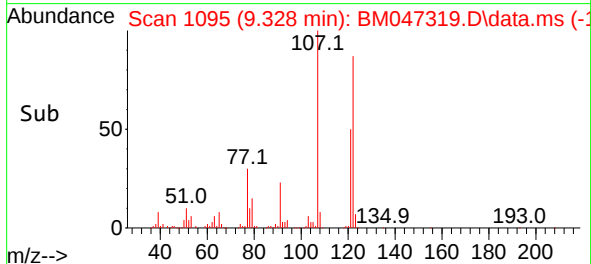
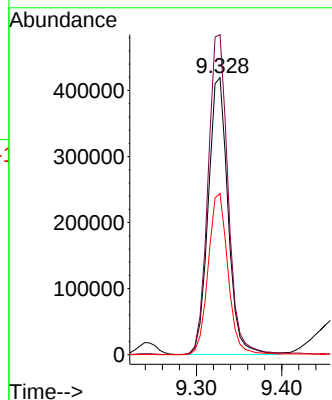
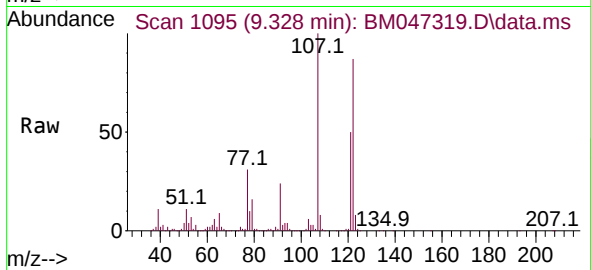
Tgt Ion:122 Resp: 675765

Ion Ratio Lower Upper

122 100

107 115.6 92.8 139.2

121 58.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.397 ng

RT: 9.551 min Scan# 1133

Delta R.T. -0.024 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

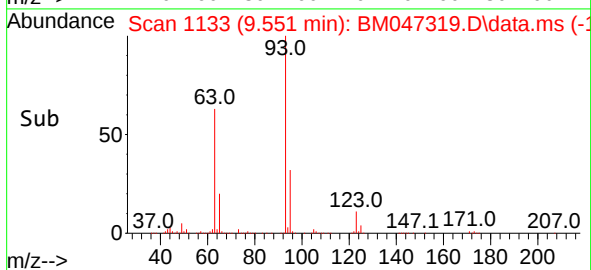
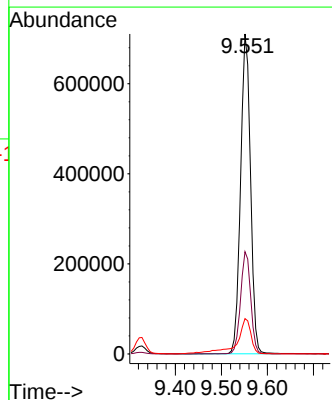
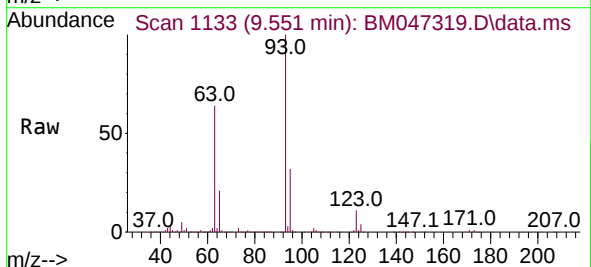
Tgt Ion: 93 Resp: 1064554

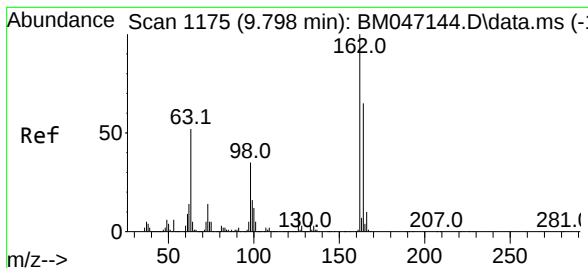
Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.8

123 11.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 55.526 ng

RT: 9.781 min Scan# 1175

Delta R.T. -0.018 min

Lab File: BM047319.D

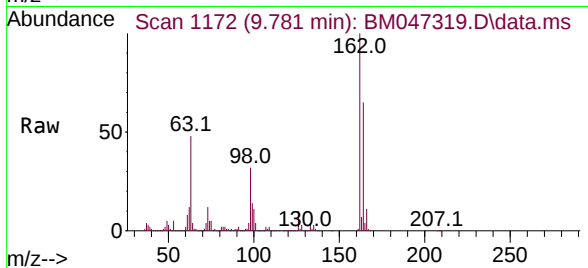
Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD



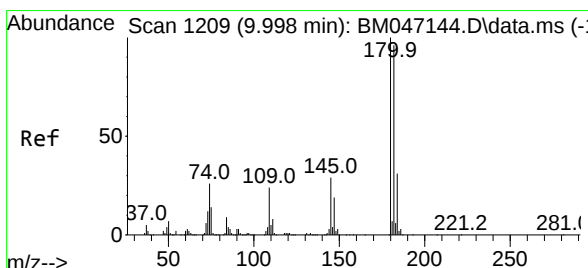
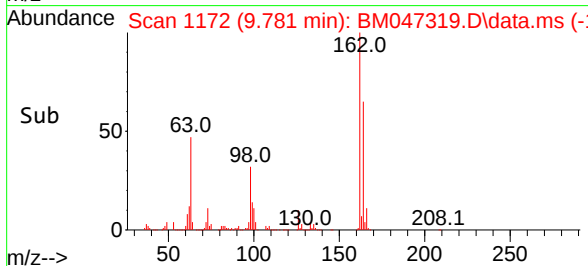
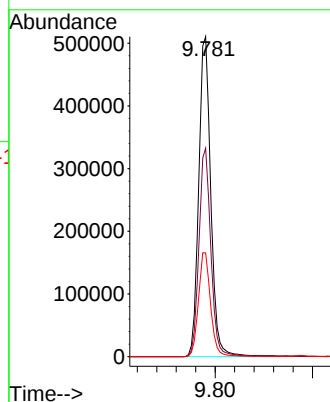
Tgt Ion:162 Resp: 882288

Ion Ratio Lower Upper

162 100

164 65.2 44.7 84.7

98 32.5 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 49.093 ng

RT: 9.975 min Scan# 1205

Delta R.T. -0.024 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

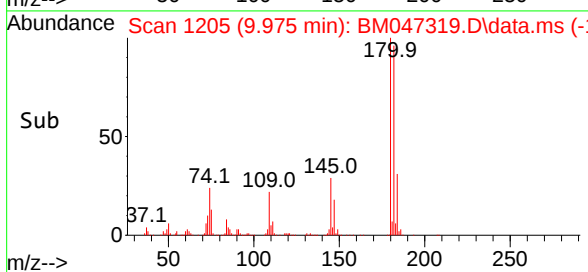
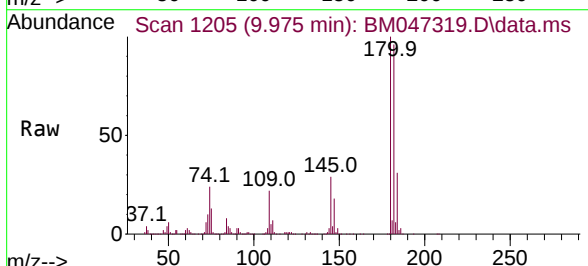
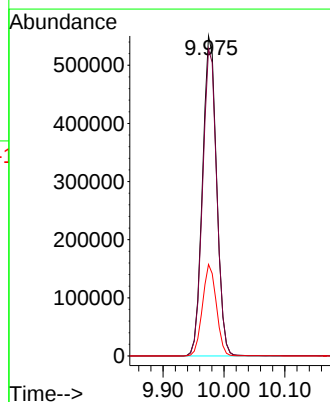
Tgt Ion:180 Resp: 882796

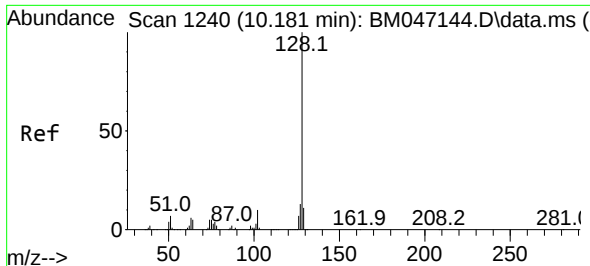
Ion Ratio Lower Upper

180 100

182 95.9 76.6 115.0

145 28.6 23.4 35.2

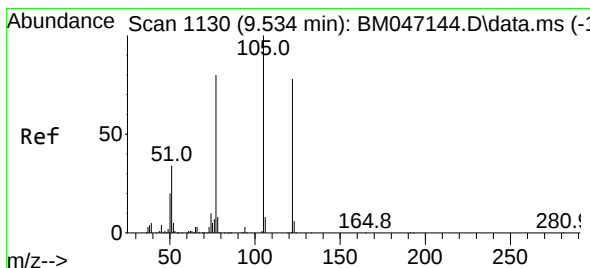
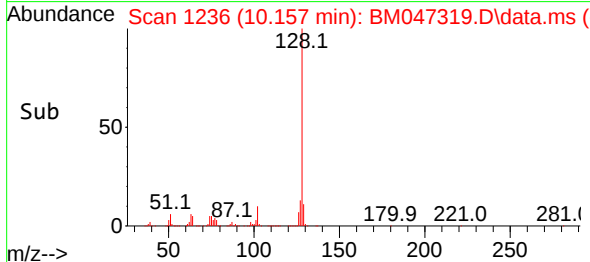
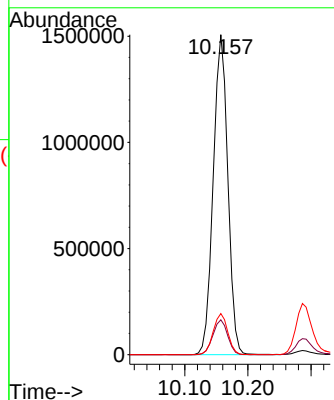
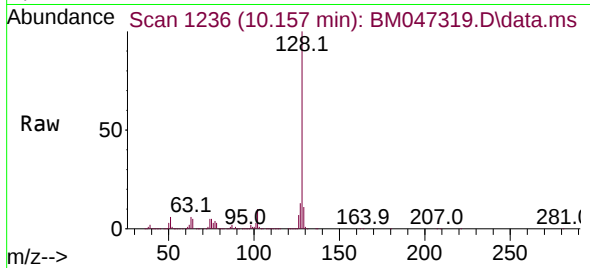




#31
Naphthalene
Concen: 46.952 ng
RT: 10.157 min Scan# 1129
Delta R.T. -0.024 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

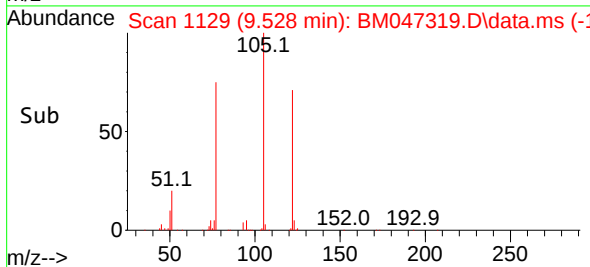
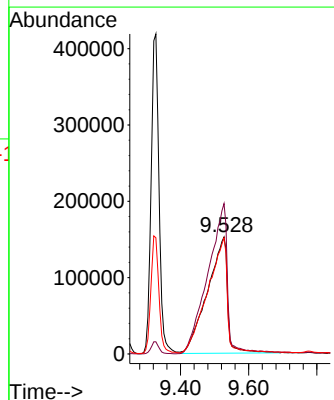
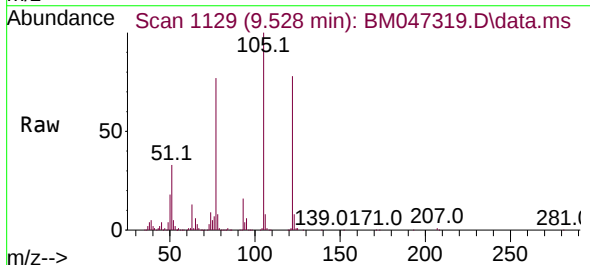
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

Tgt Ion:128 Resp: 2414511
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 50.107 ng
RT: 9.528 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion:122 Resp: 623426
Ion Ratio Lower Upper
122 100
105 128.5 107.1 147.1
77 99.2 82.1 122.1

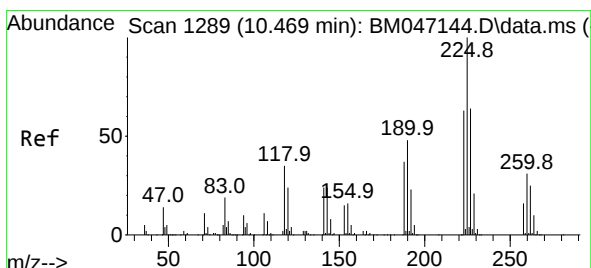
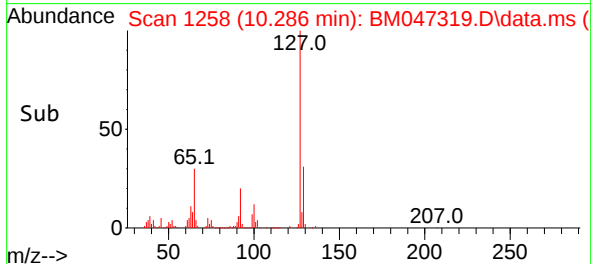
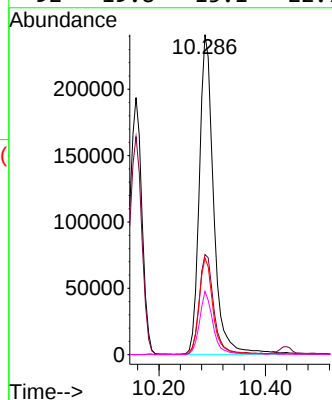
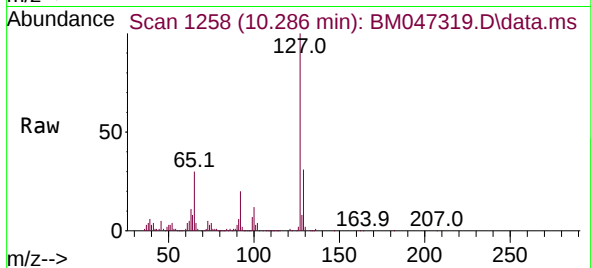




#33
4-Chloroaniline
Concen: 22.662 ng
RT: 10.286 min Scan# 1258
Delta R.T. -0.024 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

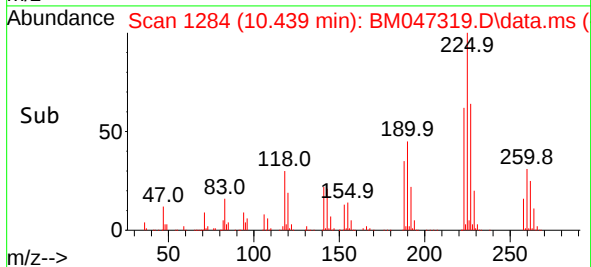
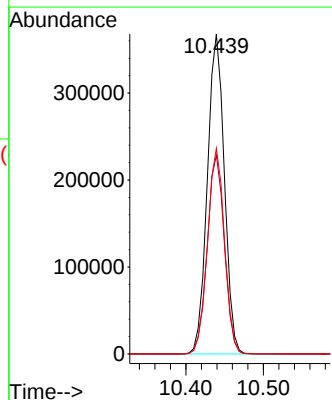
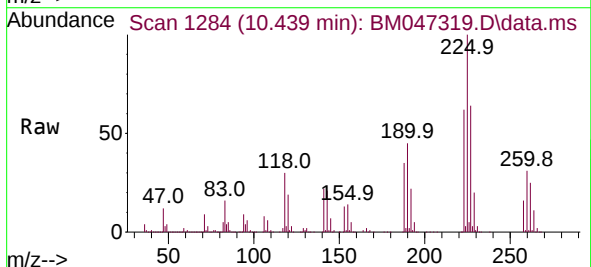
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

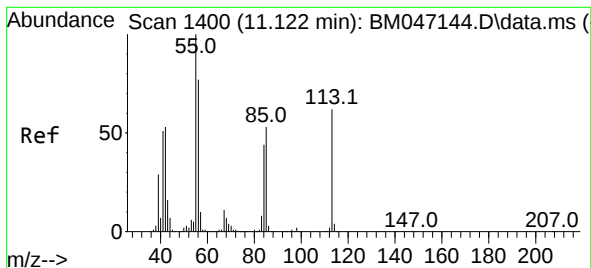
Tgt Ion:	127	Resp:	448160
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.8	38.8
65	30.2	24.9	37.3
92	19.8	15.1	22.7



#34
Hexachlorobutadiene
Concen: 53.128 ng
RT: 10.439 min Scan# 1284
Delta R.T. -0.030 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion:	225	Resp:	559176
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.2
227	64.3	51.4	77.0





#35

Caprolactam

Concen: 49.522 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

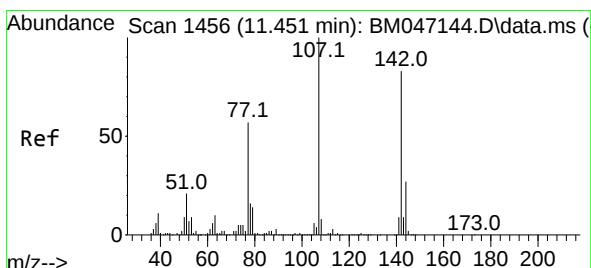
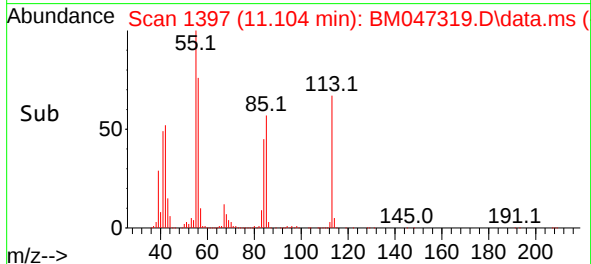
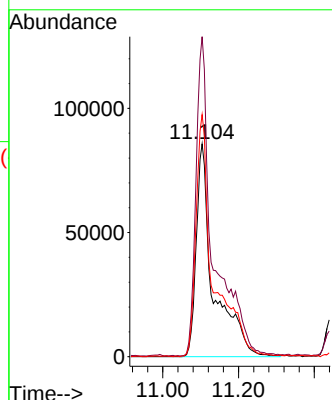
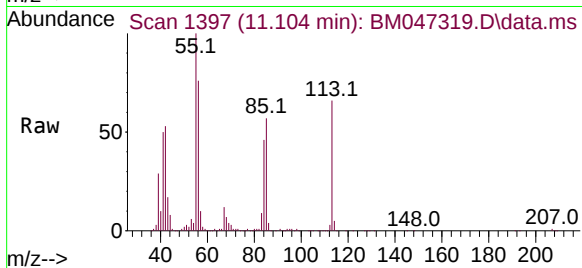
Tgt Ion:113 Resp: 273274

Ion Ratio Lower Upper

113 100

55 150.4 140.5 180.5

56 113.8 103.6 143.6



#36

4-Chloro-3-methylphenol

Concen: 50.457 ng

RT: 11.445 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

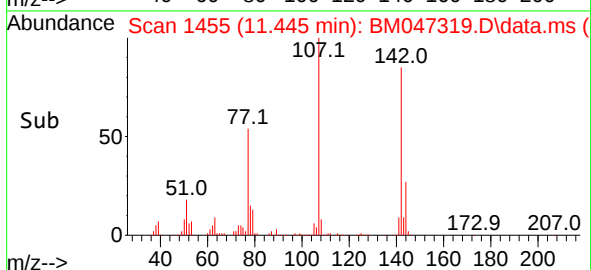
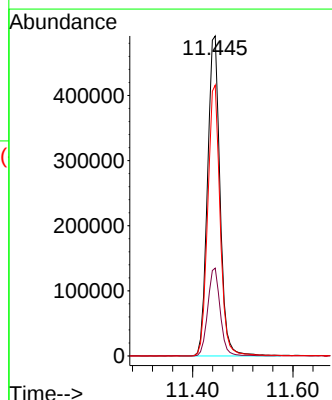
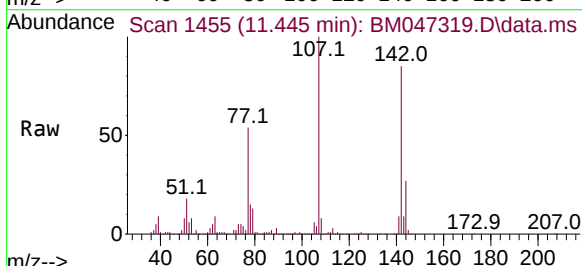
Tgt Ion:107 Resp: 853863

Ion Ratio Lower Upper

107 100

144 27.5 21.8 32.6

142 84.6 66.8 100.2

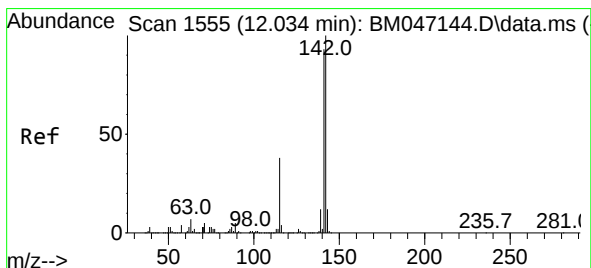
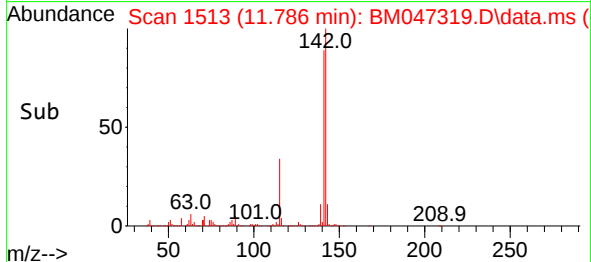
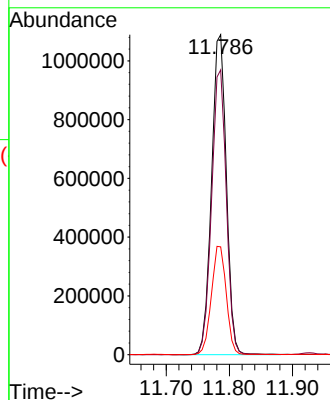
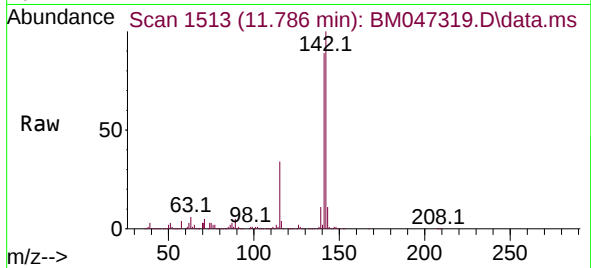




#37
2-Methylnaphthalene
Concen: 48.251 ng
RT: 11.786 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

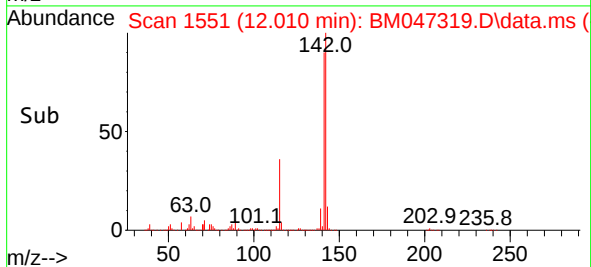
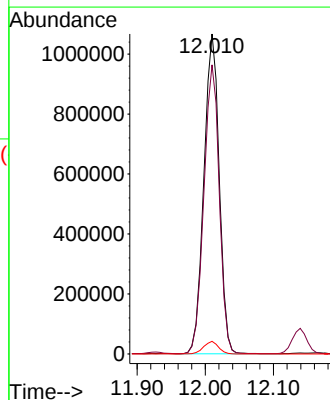
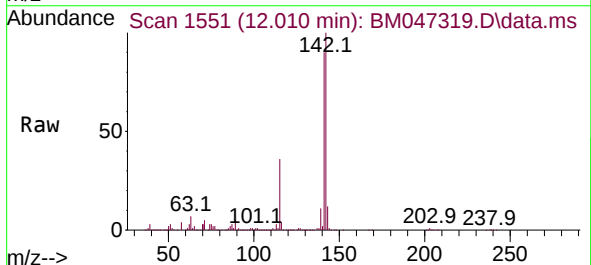
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

Tgt Ion:142 Resp: 1766683
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3
115 33.7 28.7 43.1



#38
1-Methylnaphthalene
Concen: 46.072 ng
RT: 12.010 min Scan# 1551
Delta R.T. -0.024 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion:142 Resp: 1667187
Ion Ratio Lower Upper
142 100
141 90.3 74.6 111.8
116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.016 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM047319.D

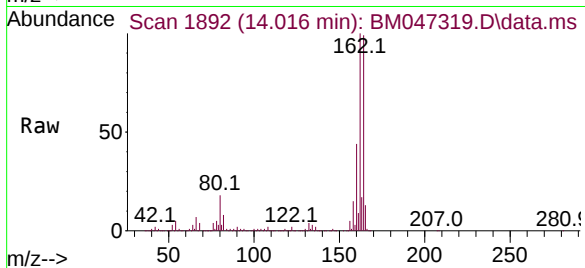
Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD



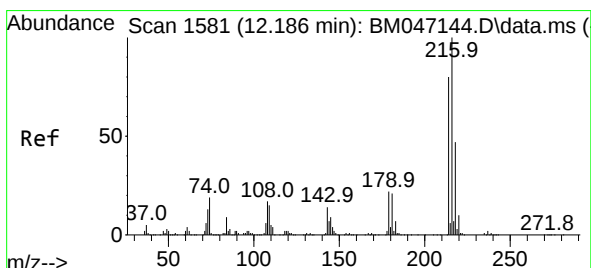
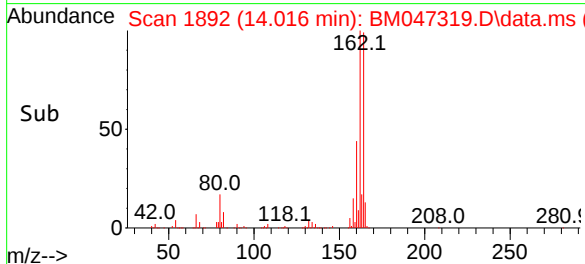
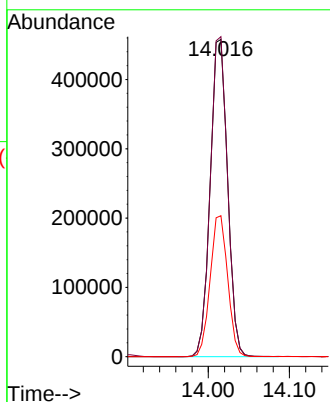
Tgt Ion:164 Resp: 681146

Ion Ratio Lower Upper

164 100

162 100.9 80.7 121.1

160 44.4 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.264 ng

RT: 12.169 min Scan# 1578

Delta R.T. -0.018 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Tgt Ion:216 Resp: 989566

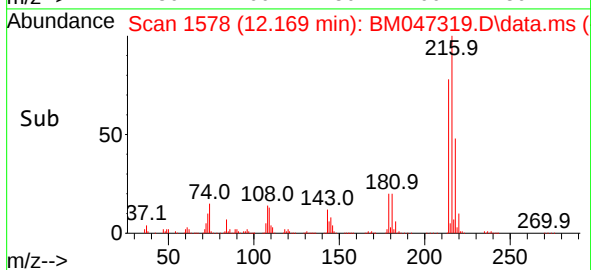
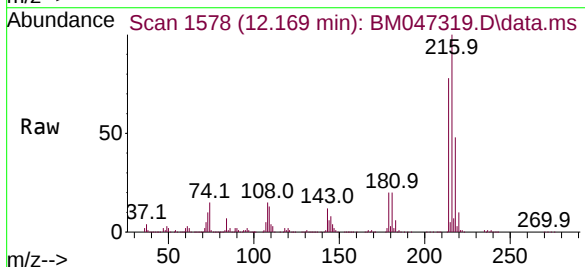
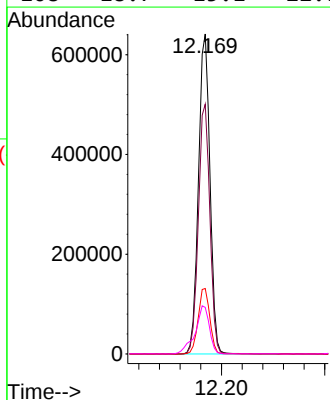
Ion Ratio Lower Upper

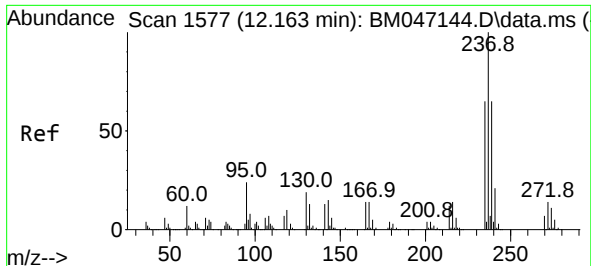
216 100

214 78.2 63.4 95.2

179 20.8 17.6 26.4

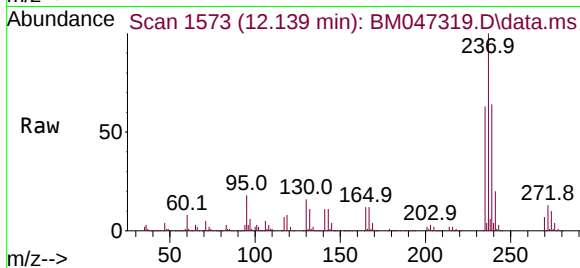
108 18.7 15.1 22.7



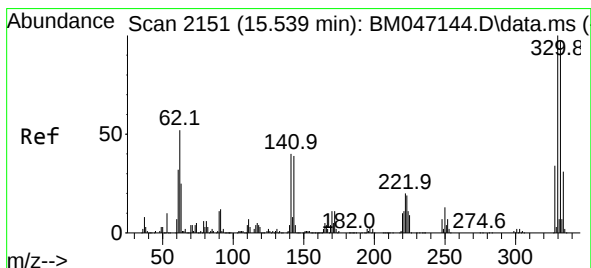
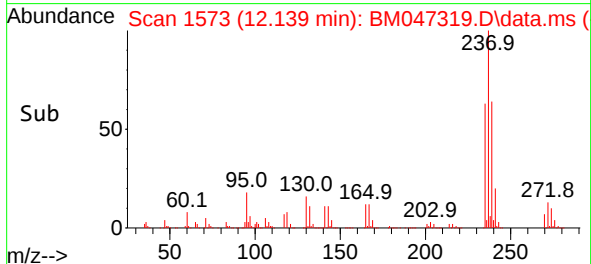
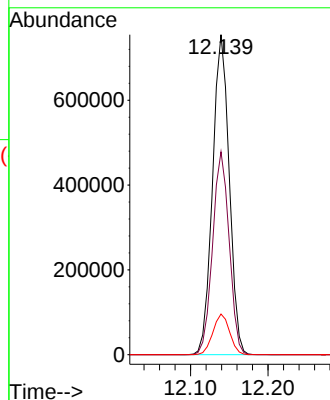


#41
Hexachlorocyclopentadiene
Concen: 173.510 ng
RT: 12.139 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

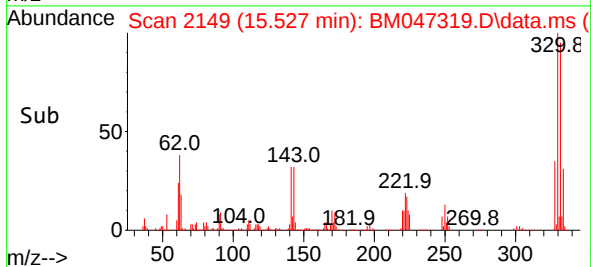
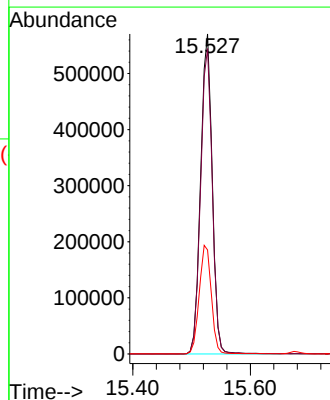
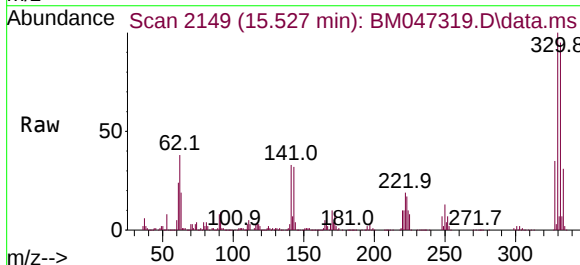


Tgt Ion:237 Resp: 1125632
Ion Ratio Lower Upper
237 100
235 63.4 44.8 84.8
272 12.7 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 99.003 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion:330 Resp: 781922
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 35.4 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 55.254 ng

RT: 12.427 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM047319.D

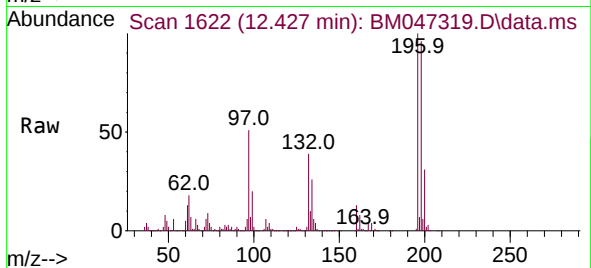
Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD



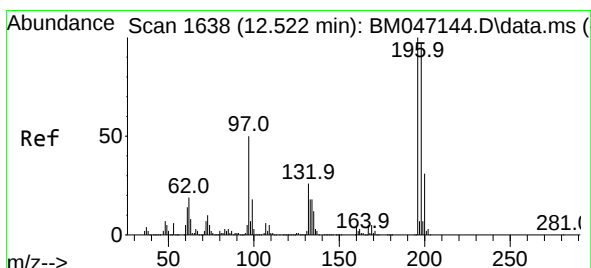
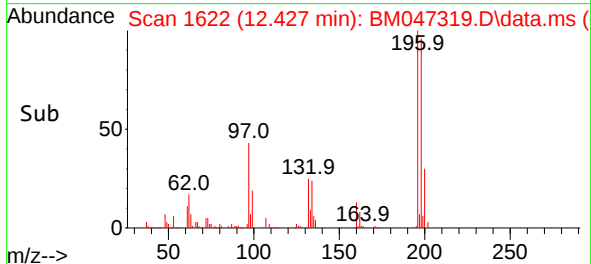
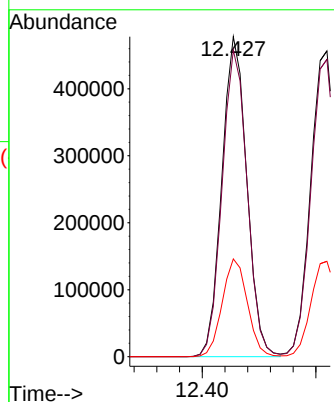
Tgt Ion:196 Resp: 729631

Ion Ratio Lower Upper

196 100

198 95.8 75.6 113.4

200 30.6 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 53.240 ng

RT: 12.510 min Scan# 1636

Delta R.T. -0.012 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Tgt Ion:196 Resp: 780589

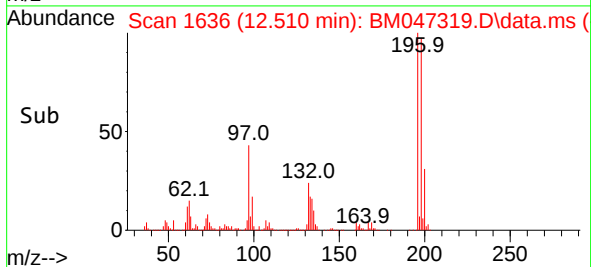
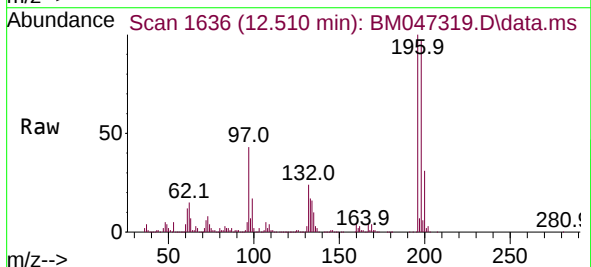
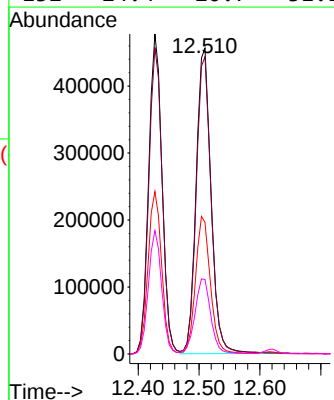
Ion Ratio Lower Upper

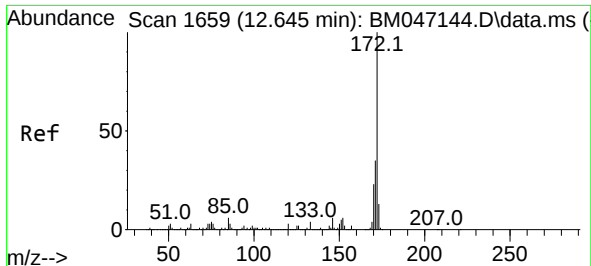
196 100

198 97.2 77.7 116.5

97 43.0 39.8 59.8

132 24.4 20.7 31.1

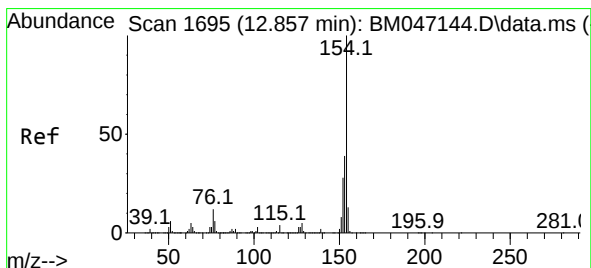
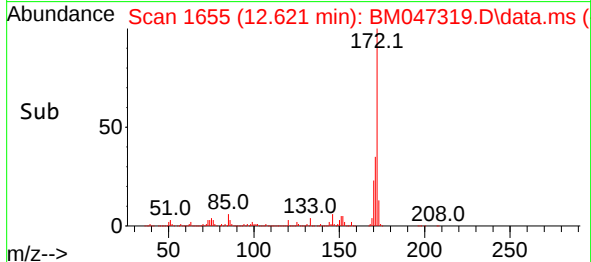
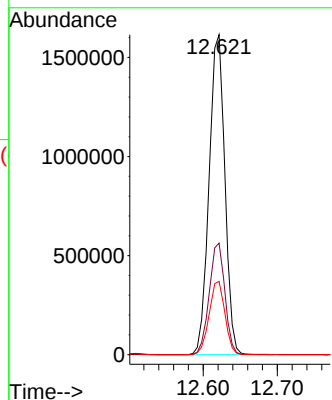
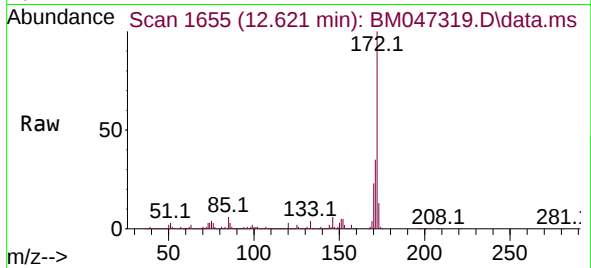




#45
2-Fluorobiphenyl
Concen: 54.061 ng
RT: 12.621 min Scan# 1655
Delta R.T. -0.024 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

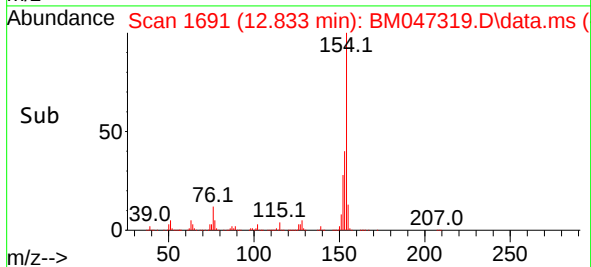
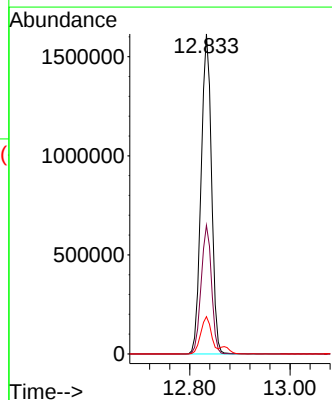
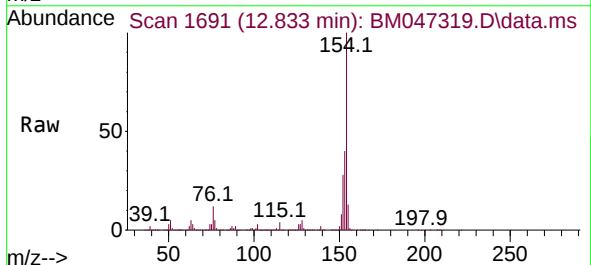
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

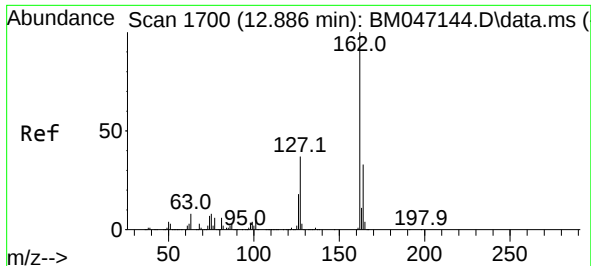
Tgt Ion:172 Resp: 2387226
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 22.9 18.7 28.1



#46
1,1'-Biphenyl
Concen: 47.938 ng
RT: 12.833 min Scan# 1691
Delta R.T. -0.024 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion:154 Resp: 2324580
Ion Ratio Lower Upper
154 100
153 40.2 19.0 59.0
76 11.6 0.0 31.9

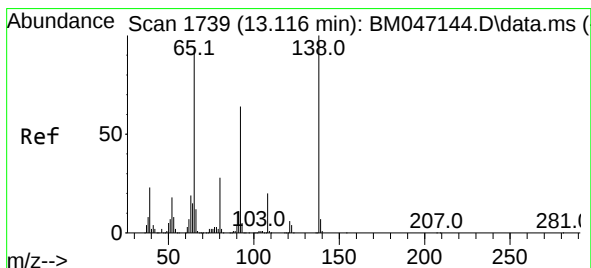
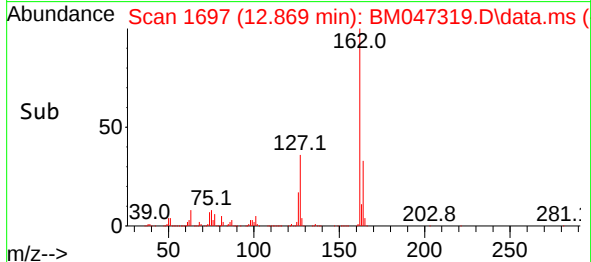
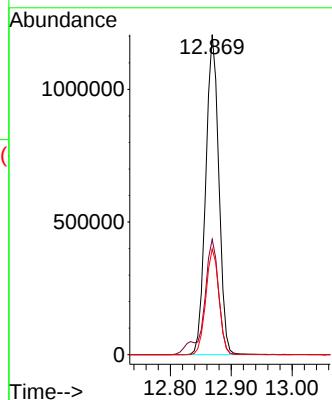
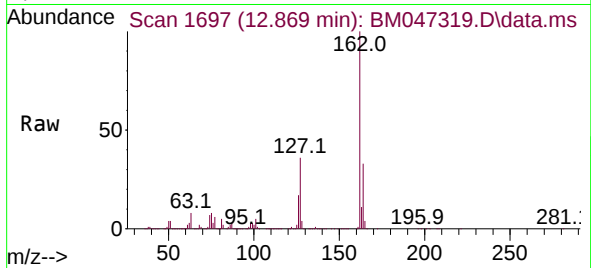




#47
2-Chloronaphthalene
Concen: 47.488 ng
RT: 12.869 min Scan# 1700
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

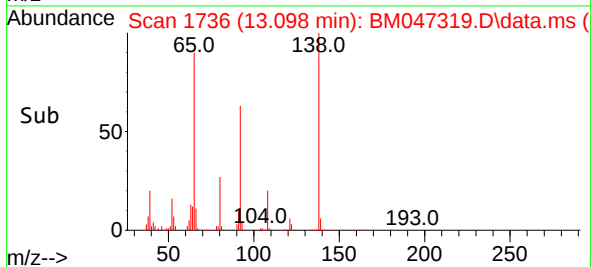
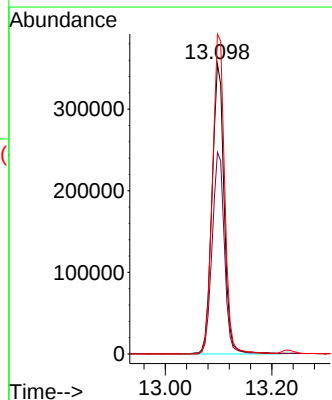
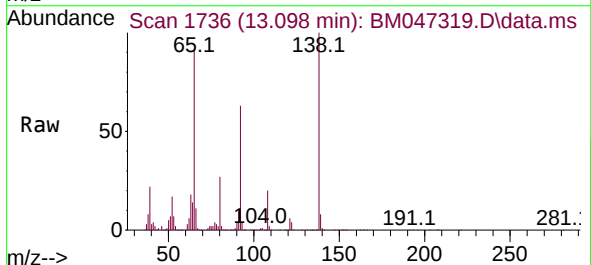
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

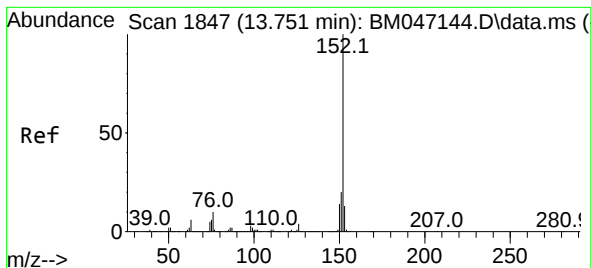
Tgt Ion:162 Resp: 1799865
Ion Ratio Lower Upper
162 100
127 36.1 30.0 45.0
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 47.426 ng
RT: 13.098 min Scan# 1736
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion: 65 Resp: 563130
Ion Ratio Lower Upper
65 100
92 69.5 55.1 82.7
138 110.4 85.9 128.9





#49

Acenaphthylene

Concen: 51.568 ng

RT: 13.727 min Scan# 1843

Delta R.T. -0.024 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

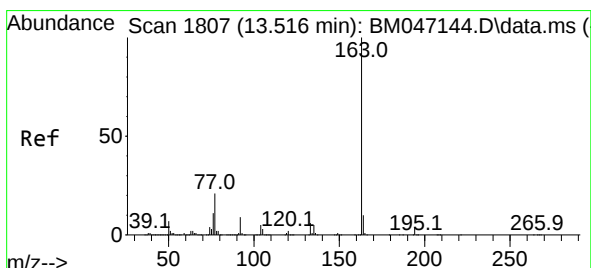
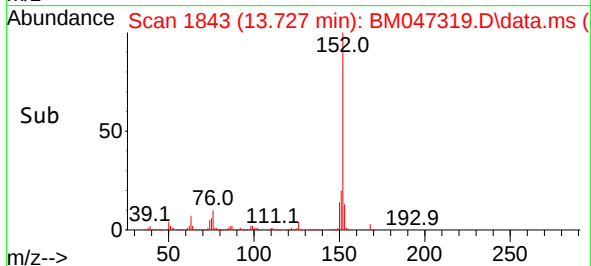
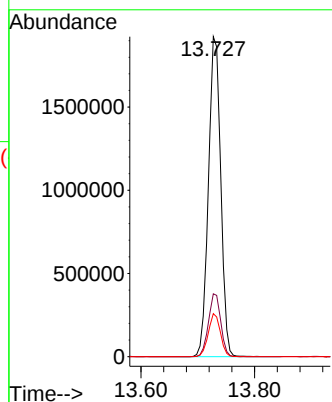
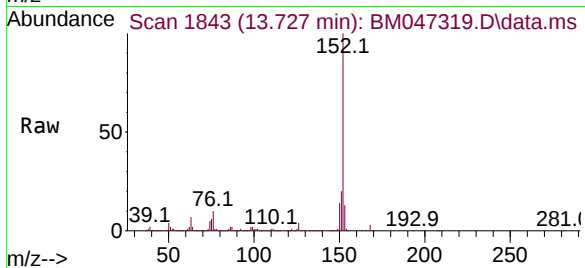
Tgt Ion:152 Resp: 2881005

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 50.016 ng

RT: 13.498 min Scan# 1804

Delta R.T. -0.018 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

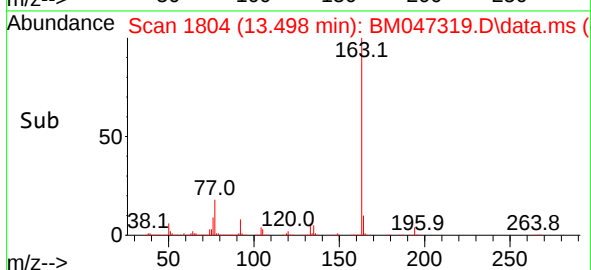
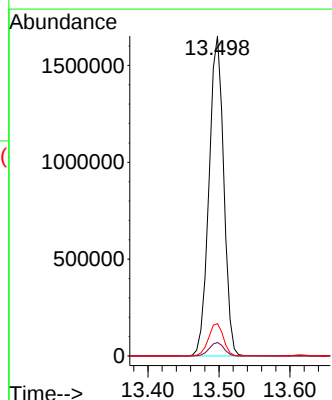
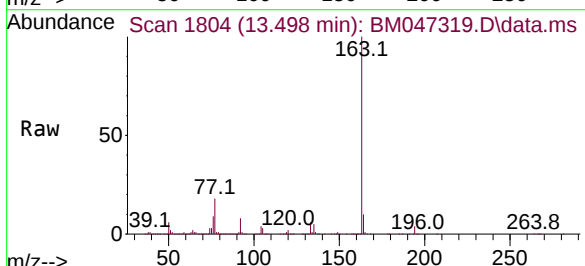
Tgt Ion:163 Resp: 2379344

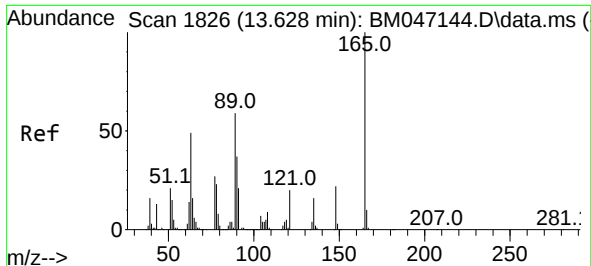
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 48.602 ng

RT: 13.616 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

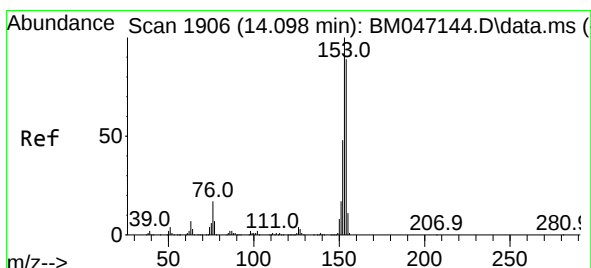
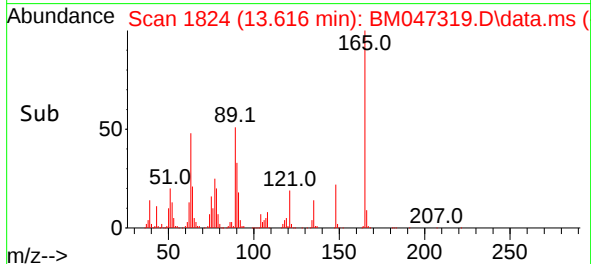
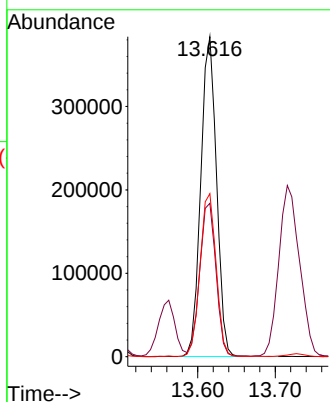
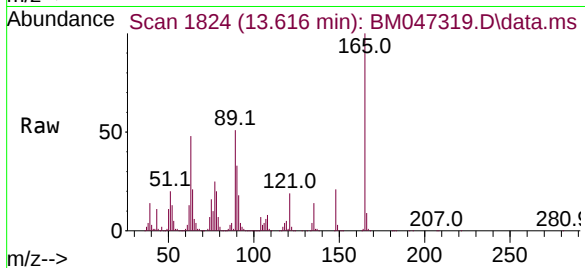
Tgt Ion:165 Resp: 540482

Ion Ratio Lower Upper

165 100

63 47.9 46.5 69.7

89 51.0 47.3 70.9



#52

Acenaphthene

Concen: 49.412 ng

RT: 14.080 min Scan# 1903

Delta R.T. -0.018 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

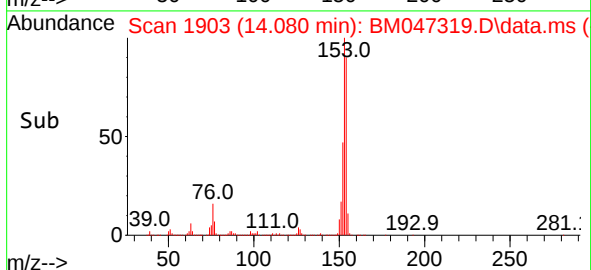
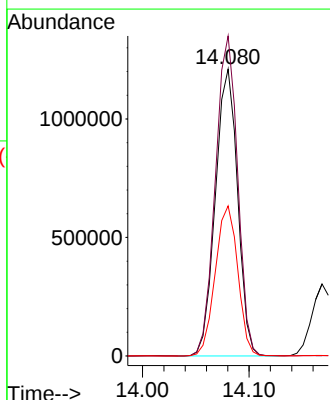
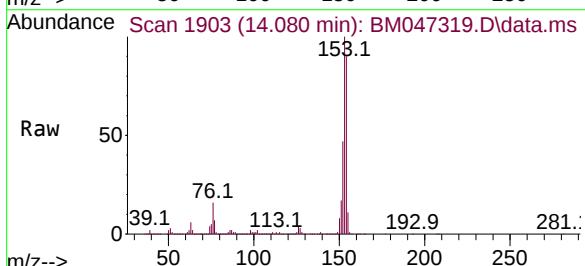
Tgt Ion:154 Resp: 1751103

Ion Ratio Lower Upper

154 100

153 111.5 90.3 135.5

152 52.3 42.9 64.3

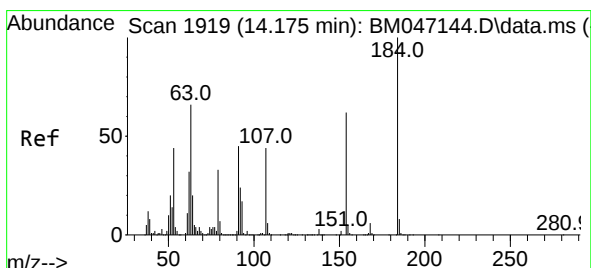
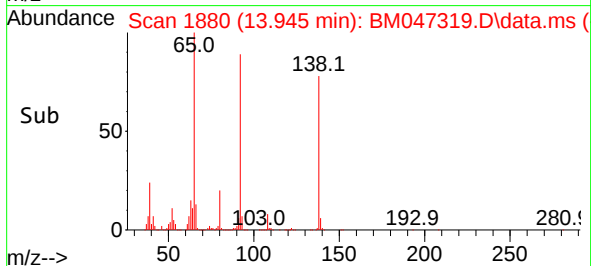
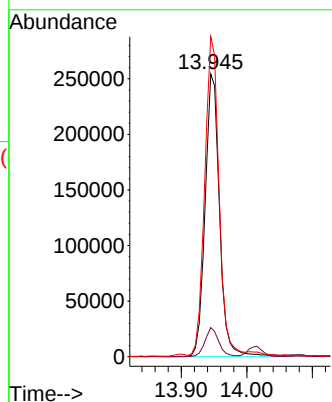
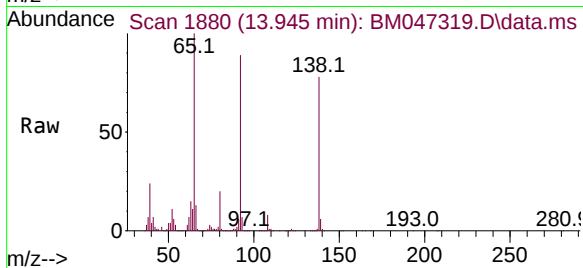




#53
3-Nitroaniline
Concen: 35.002 ng
RT: 13.945 min Scan# 1880
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

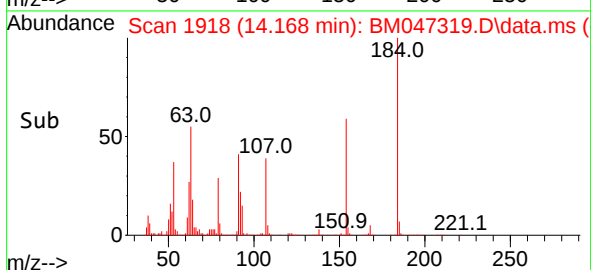
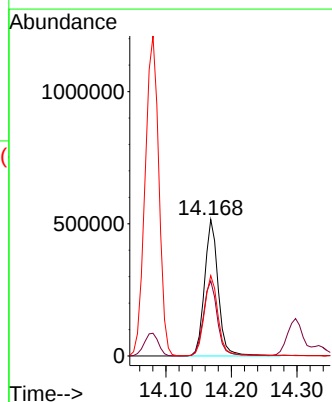
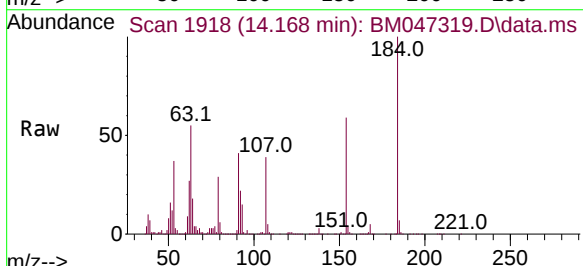
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

Tgt Ion:138 Resp: 390033
Ion Ratio Lower Upper
138 100
108 10.3 7.9 11.9
92 113.3 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 112.597 ng
RT: 14.168 min Scan# 1918
Delta R.T. -0.007 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion:184 Resp: 750464
Ion Ratio Lower Upper
184 100
63 55.0 52.7 79.1
154 58.8 50.4 75.6

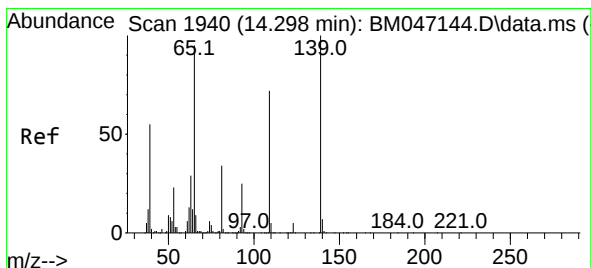
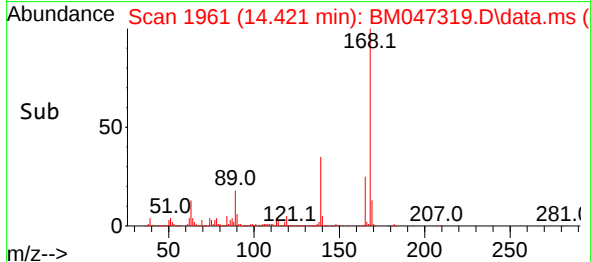
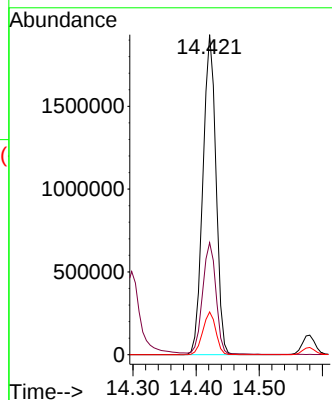
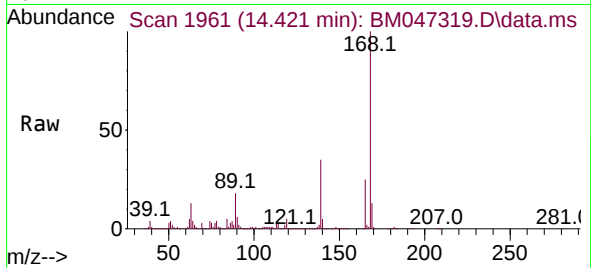




#55
Dibenzenofuran
Concen: 49.717 ng
RT: 14.421 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

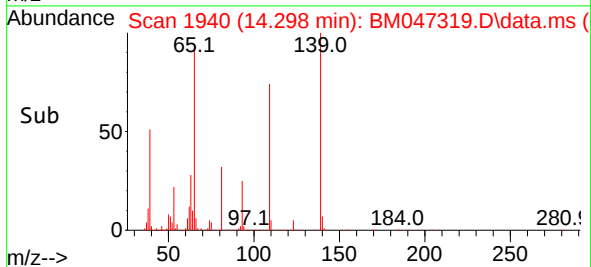
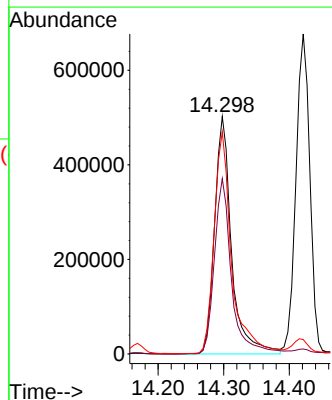
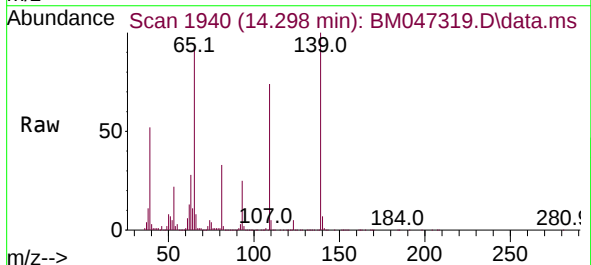
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

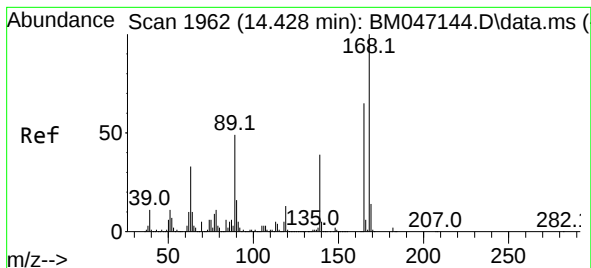
Tgt Ion:168 Resp: 2783013
Ion Ratio Lower Upper
168 100
139 35.0 29.6 44.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 93.916 ng
RT: 14.298 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion:139 Resp: 902428
Ion Ratio Lower Upper
139 100
109 73.9 52.5 92.5
65 93.5 75.4 115.4

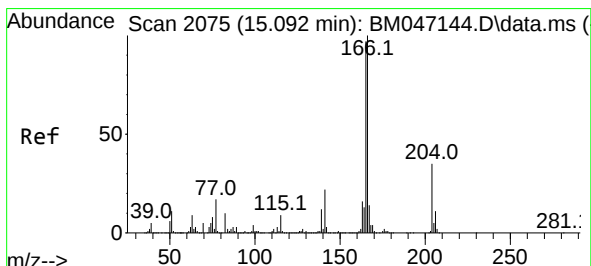
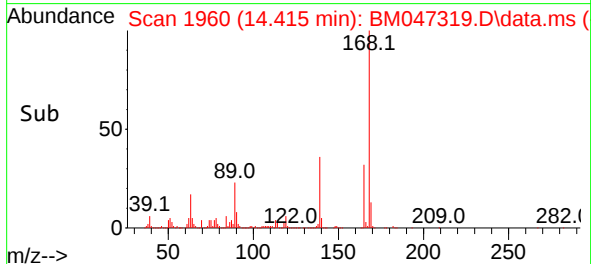
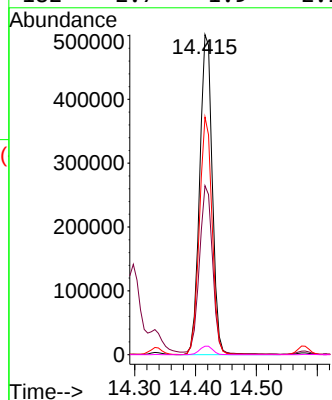
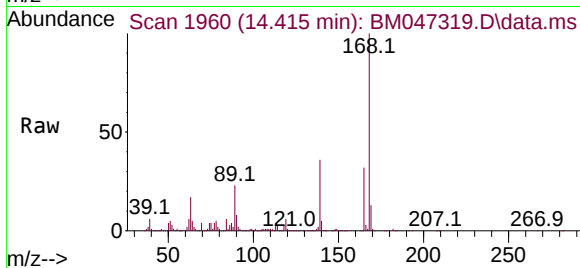




#57
2,4-Dinitrotoluene
Concen: 48.400 ng
RT: 14.415 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

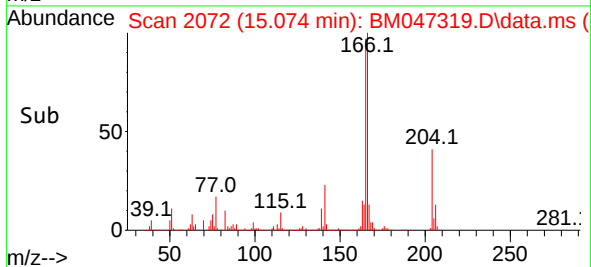
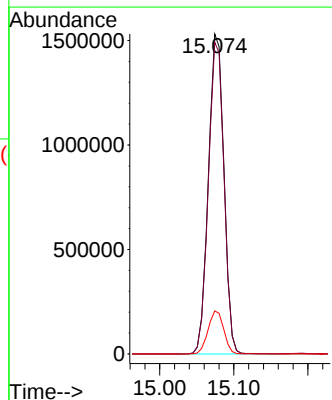
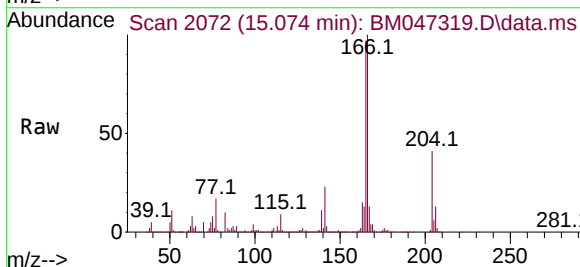
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

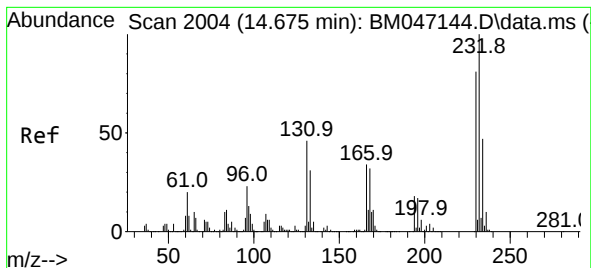
Tgt Ion:	165	Resp:	718414
Ion	Ratio	Lower	Upper
165	100		
63	52.8	40.3	60.5
89	74.3	61.0	91.6
182	2.7	1.9	2.9



#58
Fluorene
Concen: 48.348 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion:	166	Resp:	2233074
Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.4	116.0
167	13.5	11.0	16.6

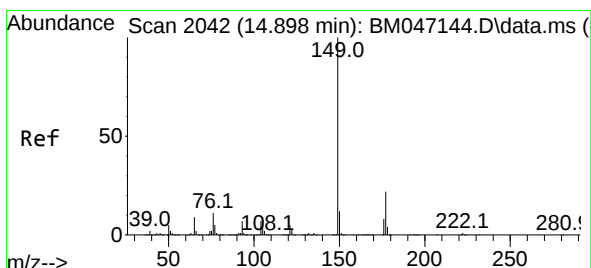
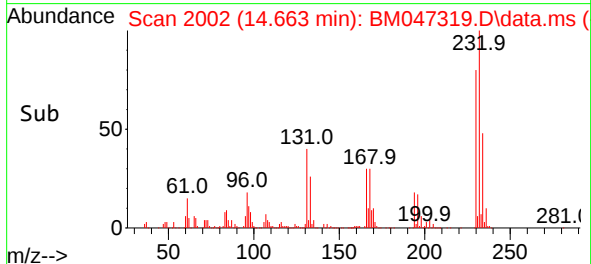
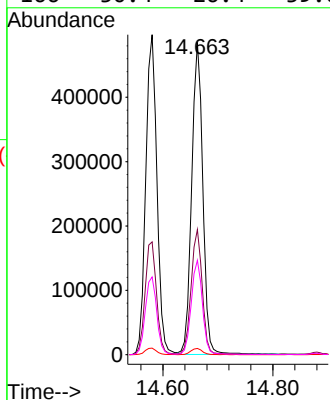
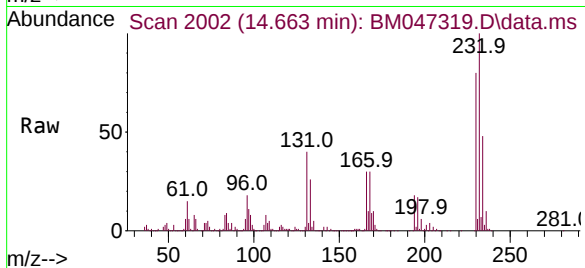




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.359 ng
RT: 14.663 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

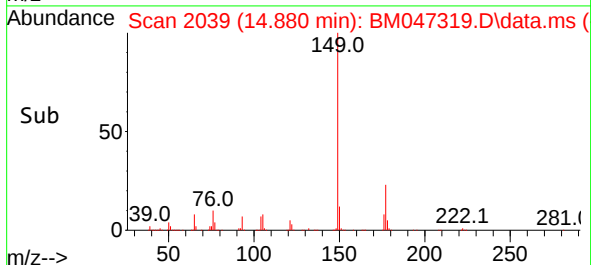
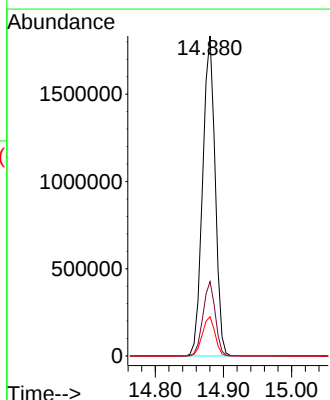
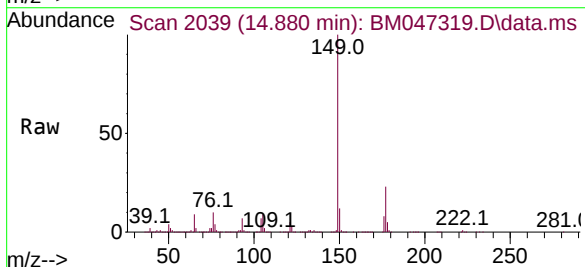
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

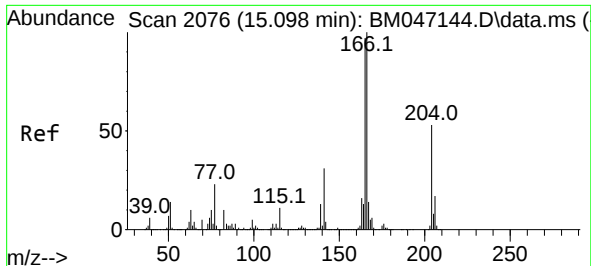
Tgt Ion:232 Resp: 679116
Ion Ratio Lower Upper
232 100
131 40.0 36.9 55.3
130 2.1 2.0 3.0
166 30.4 26.4 39.6



#60
Diethylphthalate
Concen: 48.097 ng
RT: 14.880 min Scan# 2039
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion:149 Resp: 2336527
Ion Ratio Lower Upper
149 100
177 23.3 17.6 26.4
150 12.3 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 50.526 ng
RT: 15.080 min Scan# 2076
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

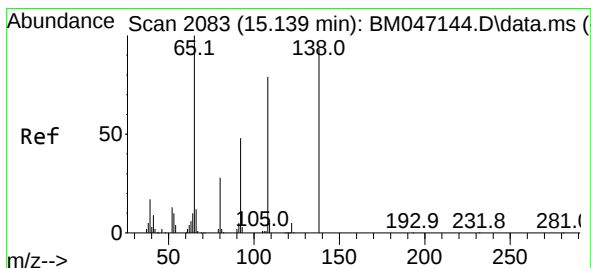
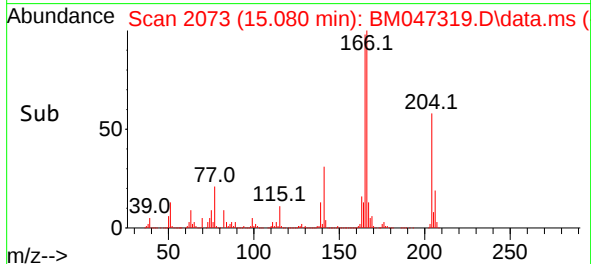
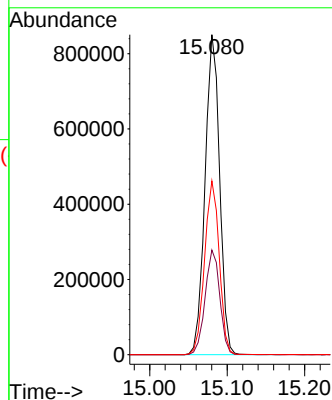
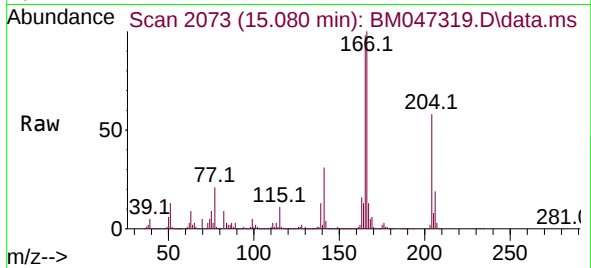
Instrument :

BNA_M

ClientSampleId :

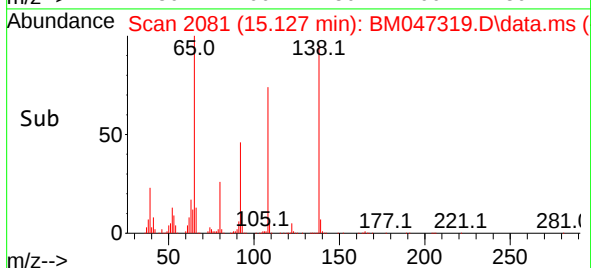
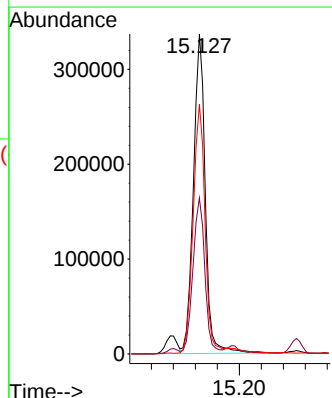
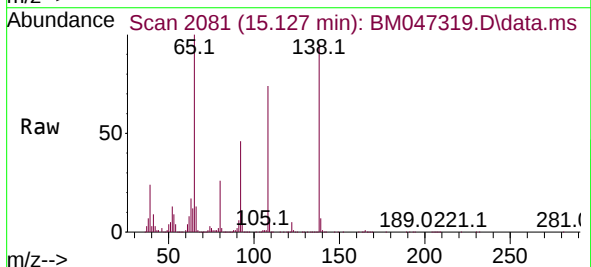
S-928-KI-SO-0.5-1-081924MSD

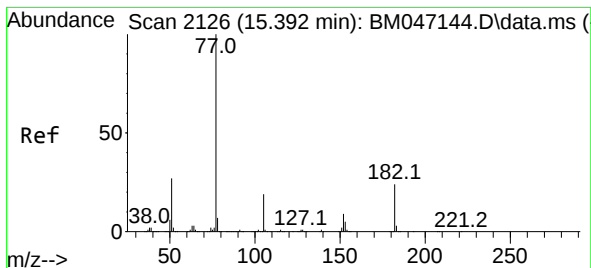
Tgt Ion:204 Resp: 1111002
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 54.3 47.2 70.8



#62
4-Nitroaniline
Concen: 45.975 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion:138 Resp: 504709
Ion Ratio Lower Upper
138 100
92 48.8 31.9 71.9
108 78.0 63.8 103.8





#63

Azobenzene

Concen: 45.404 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

Tgt Ion: 77 Resp: 2091378

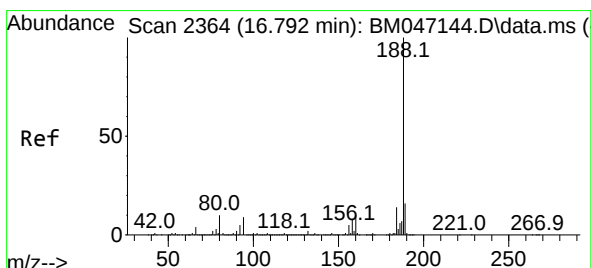
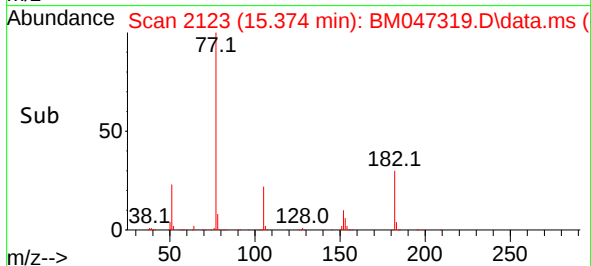
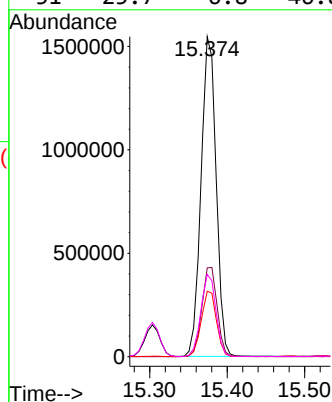
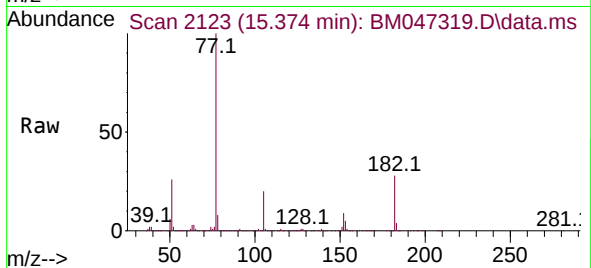
Ion Ratio Lower Upper

77 100

182 27.7 3.8 43.8

105 20.5 0.0 39.5

51 25.7 6.8 46.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 2362

Delta R.T. -0.012 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

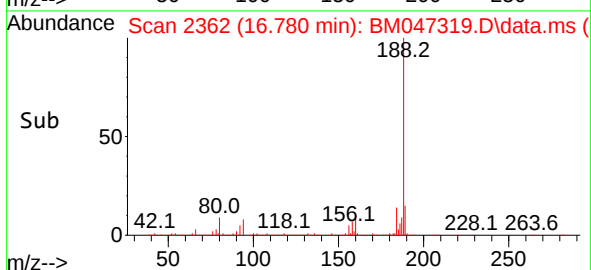
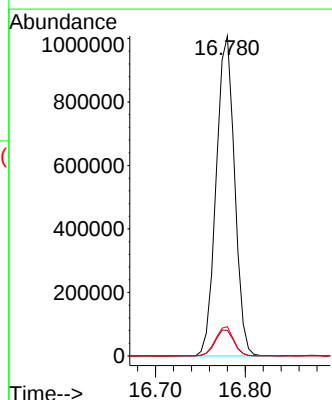
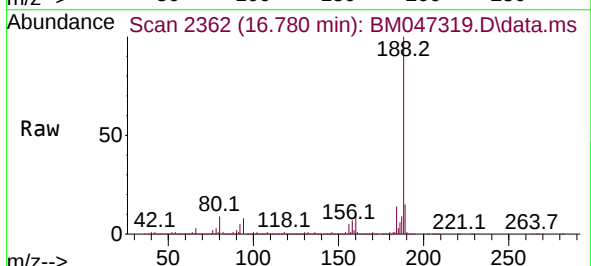
Tgt Ion:188 Resp: 1434686

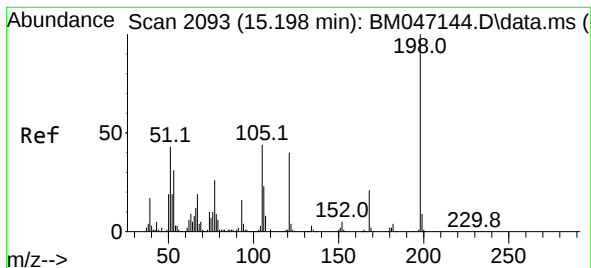
Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

80 9.2 8.0 12.0

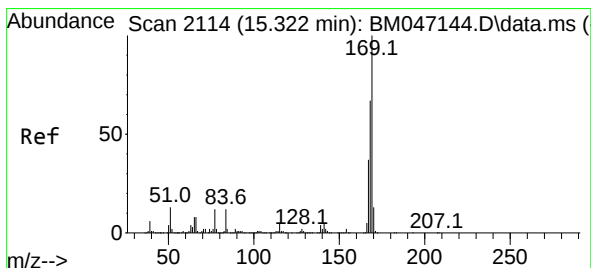
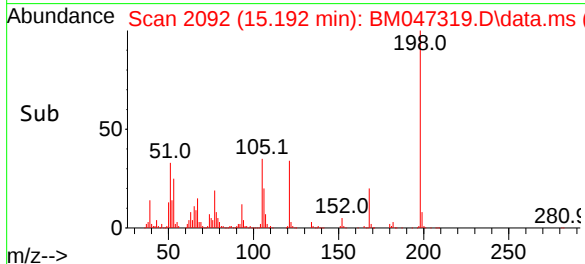
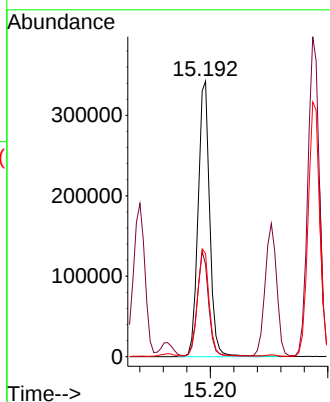
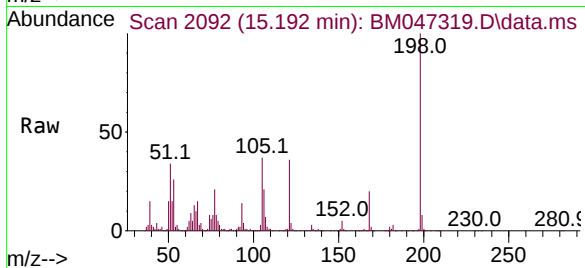




#65
4,6-Dinitro-2-methylphenol
Concen: 55.734 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

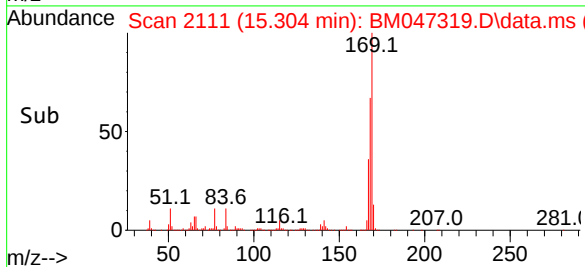
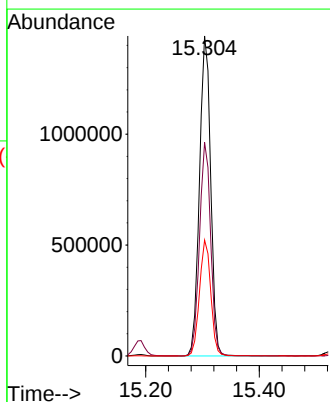
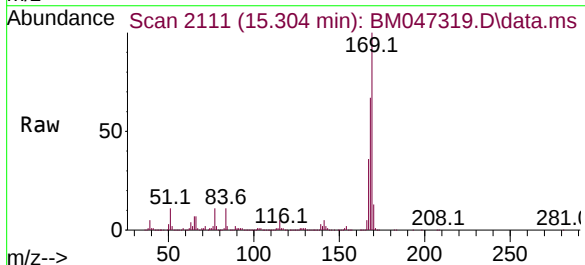
Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

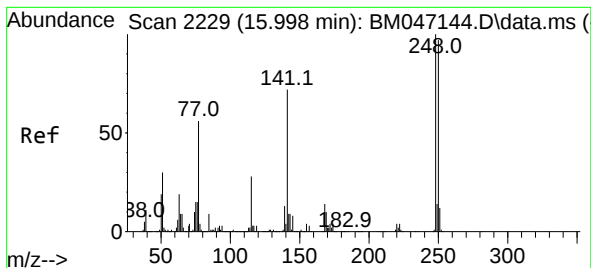
Tgt Ion:198 Resp: 468157
Ion Ratio Lower Upper
198 100
51 33.5 23.9 63.9
105 37.4 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 50.590 ng
RT: 15.304 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

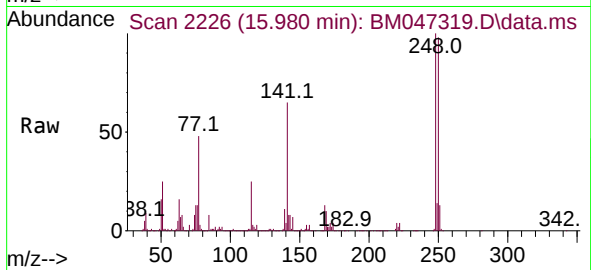
Tgt Ion:169 Resp: 1976912
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.8
167 36.2 29.3 43.9



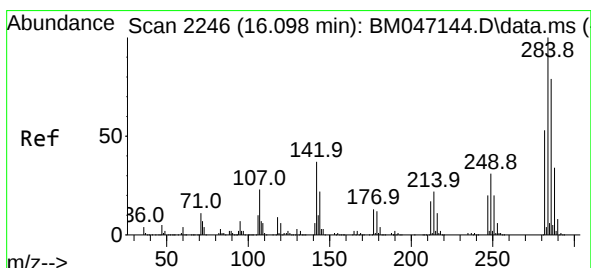
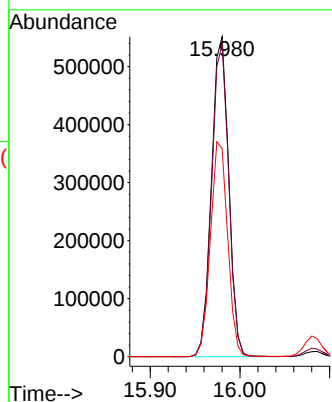
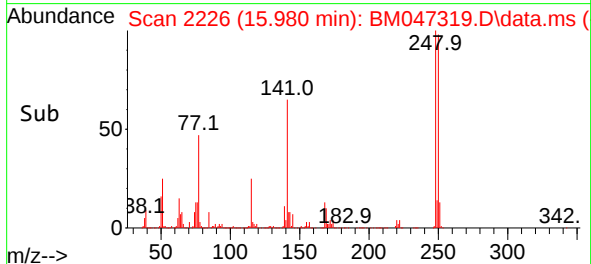


#67
4-Bromophenyl-phenylether
Concen: 53.178 ng
RT: 15.980 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

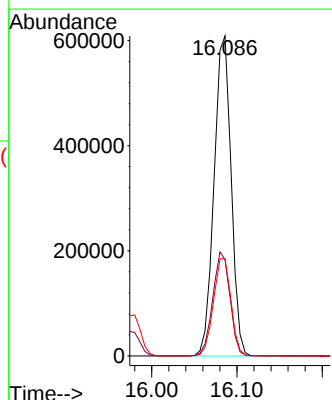
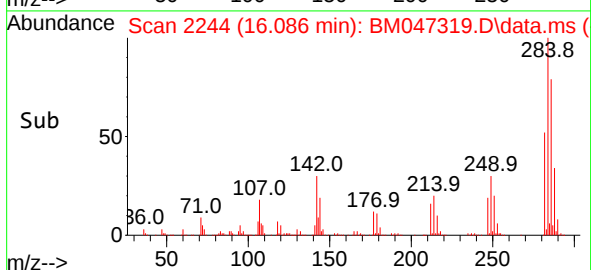
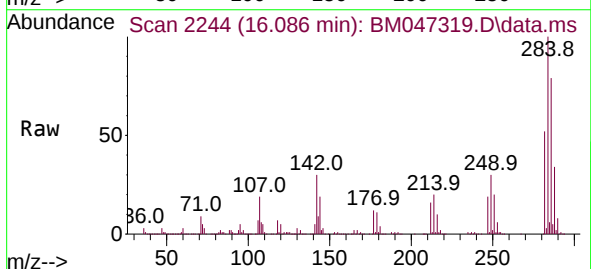


Tgt Ion:248 Resp: 735182
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.8
141 65.1 57.7 86.5



#68
Hexachlorobenzene
Concen: 51.129 ng
RT: 16.086 min Scan# 2244
Delta R.T. -0.012 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion:284 Resp: 846570
Ion Ratio Lower Upper
284 100
142 30.1 29.4 44.0
249 30.5 25.1 37.7





#69

Atrazine

Concen: 65.237 ng

RT: 16.280 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

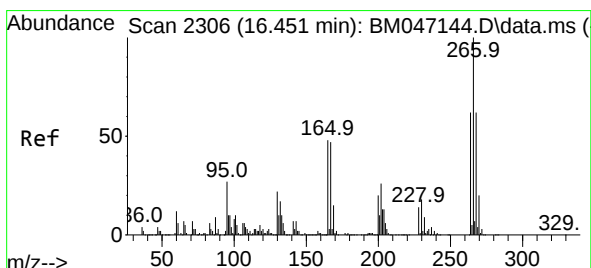
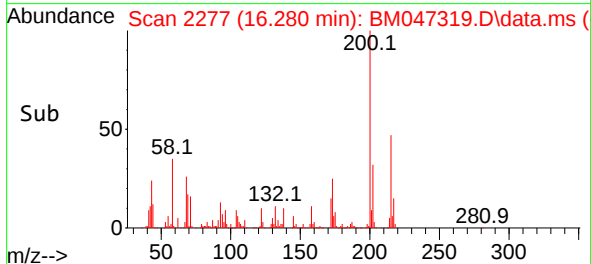
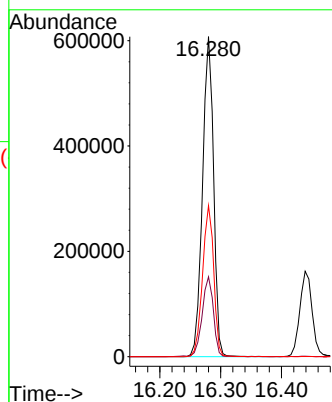
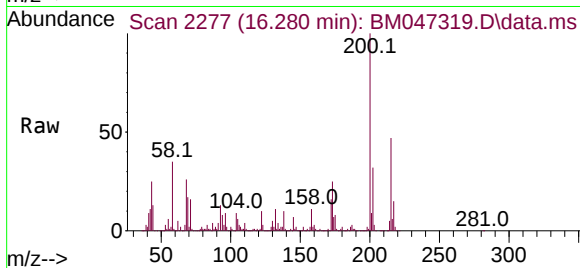
Tgt Ion:200 Resp: 767123

Ion Ratio Lower Upper

200 100

173 25.0 6.1 46.1

215 47.2 26.8 66.8



#70

Pentachlorophenol

Concen: 100.568 ng

RT: 16.439 min Scan# 2304

Delta R.T. -0.012 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

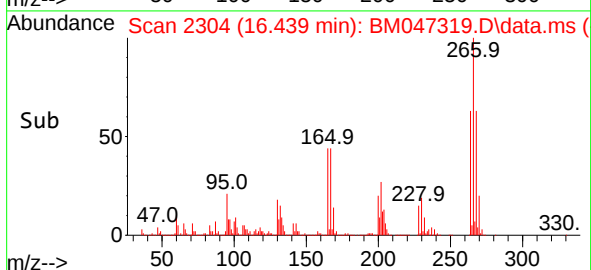
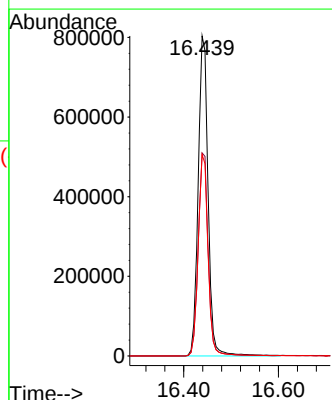
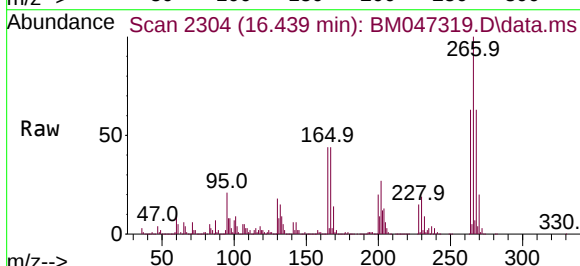
Tgt Ion:266 Resp: 1167237

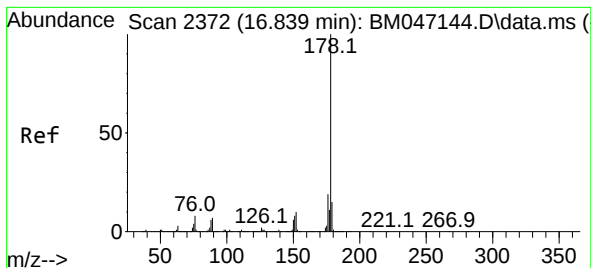
Ion Ratio Lower Upper

266 100

268 63.5 49.8 74.6

264 63.0 49.6 74.4





#71

Phenanthrene

Concen: 49.778 ng

RT: 16.821 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

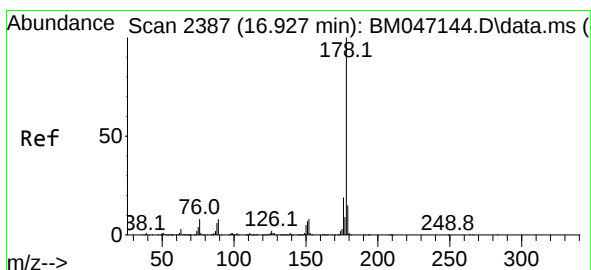
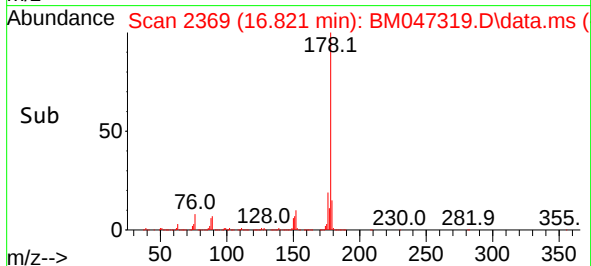
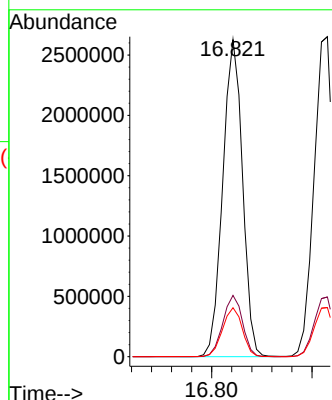
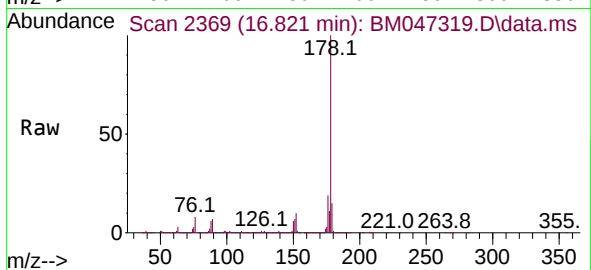
Tgt Ion:178 Resp: 3584059

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.5 12.4 18.6



#72

Anthracene

Concen: 52.446 ng

RT: 16.915 min Scan# 2385

Delta R.T. -0.012 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

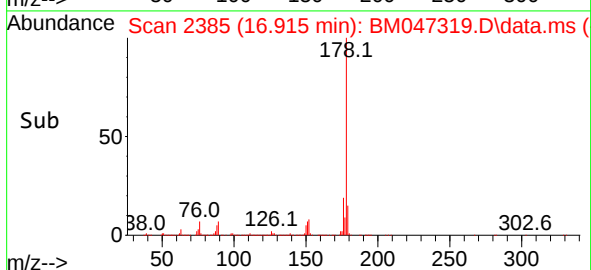
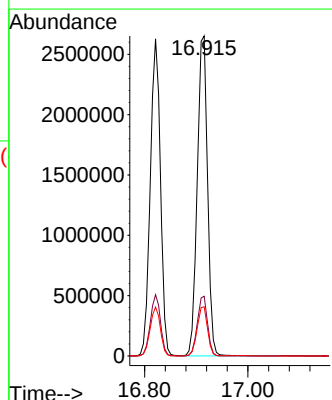
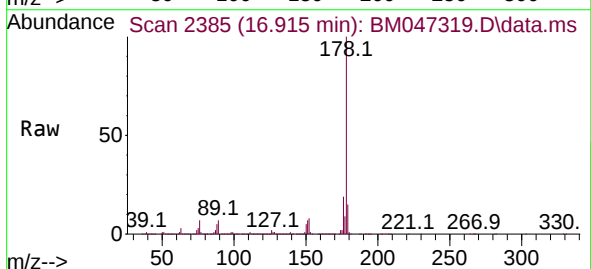
Tgt Ion:178 Resp: 3674292

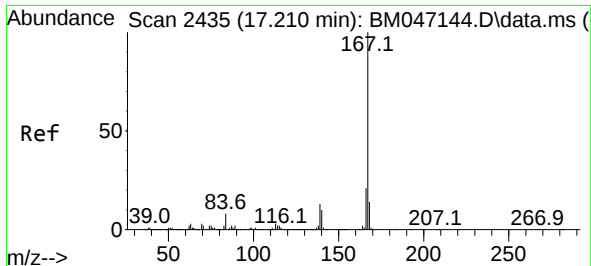
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.4 12.4 18.6

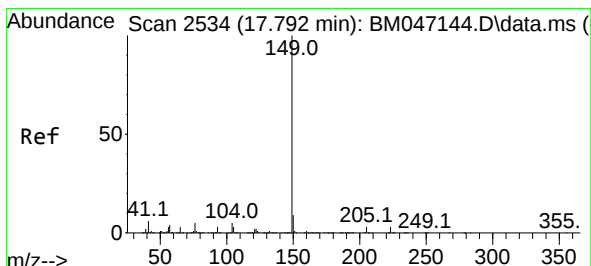
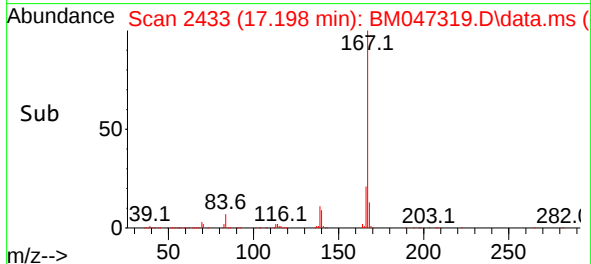
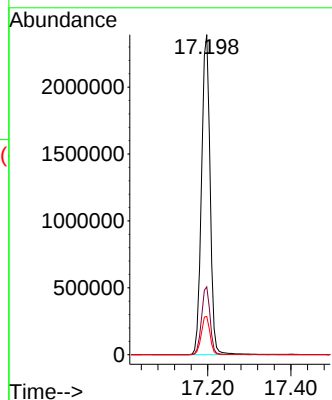
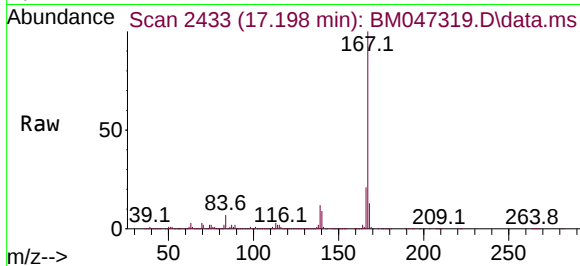




#73
 Carbazole
 Concen: 47.929 ng
 RT: 17.198 min Scan# 2435
 Delta R.T. -0.012 min
 Lab File: BM047319.D
 Acq: 22 Aug 2024 16:30

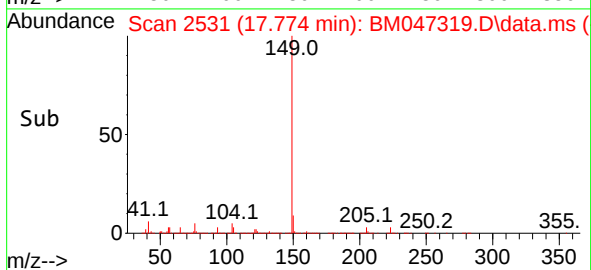
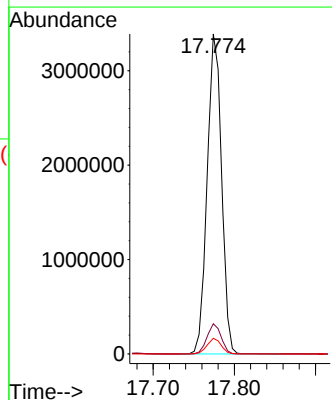
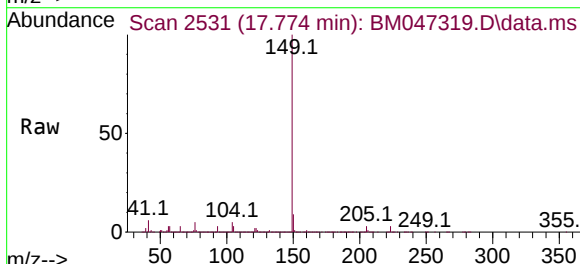
Instrument :
 BNA_M
 ClientSampleId :
 S-928-KI-SO-0.5-1-081924MSD

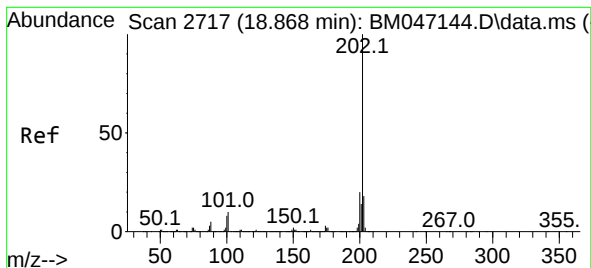
Tgt Ion:167 Resp: 3428450
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 12.0 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 49.895 ng
 RT: 17.774 min Scan# 2531
 Delta R.T. -0.018 min
 Lab File: BM047319.D
 Acq: 22 Aug 2024 16:30

Tgt Ion:149 Resp: 4152848
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 49.885 ng

RT: 18.856 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

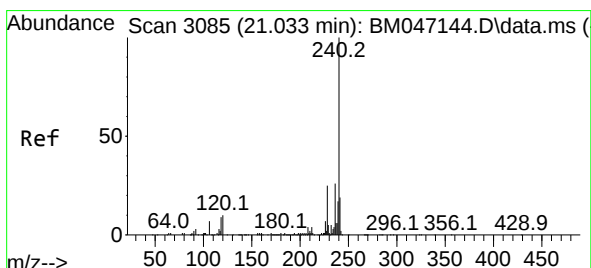
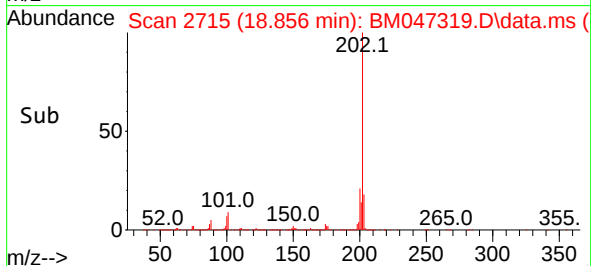
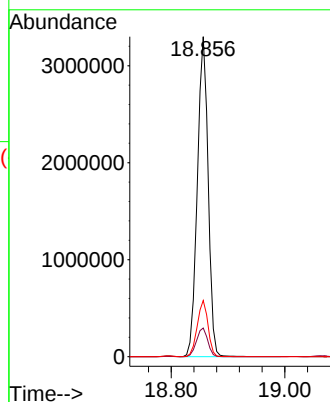
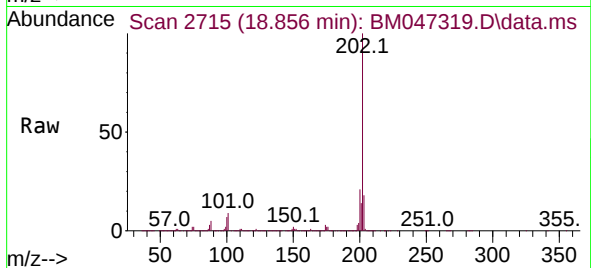
Tgt Ion:202 Resp: 4368791

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.2

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

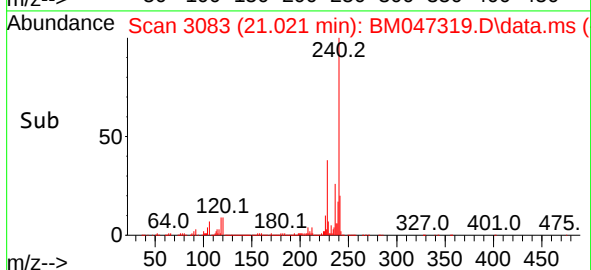
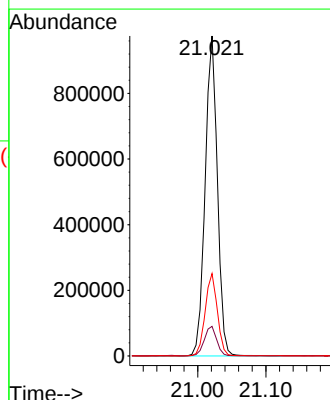
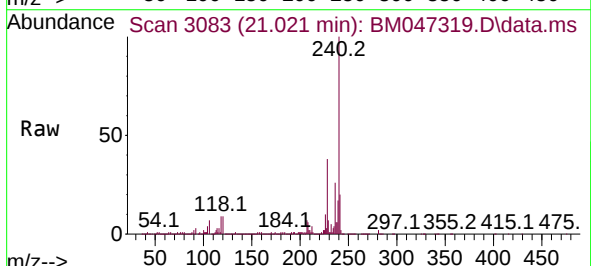
Tgt Ion:240 Resp: 1216241

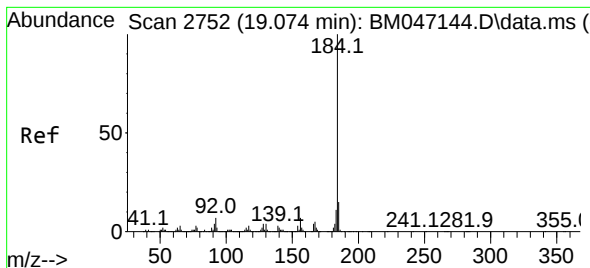
Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.2

236 25.8 20.6 30.8





#77

Benzidine

Concen: 109.972 ng

RT: 19.062 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

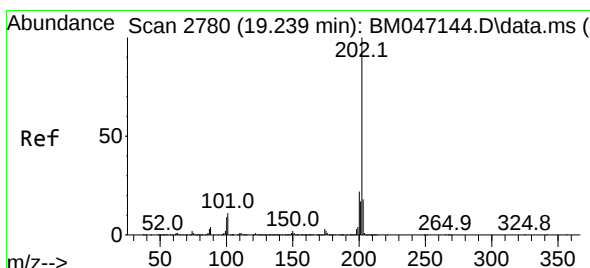
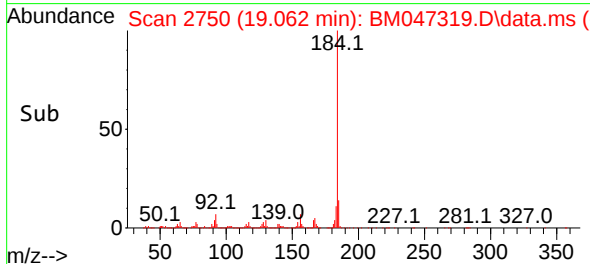
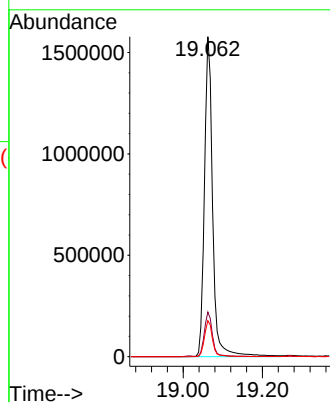
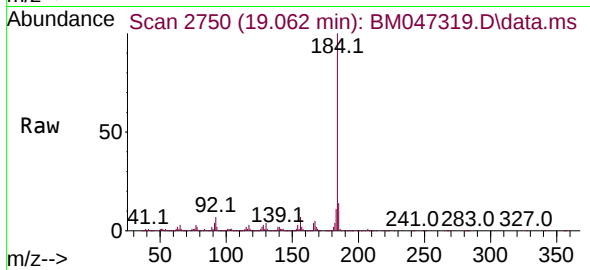
Tgt Ion:184 Resp: 2268236

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.6

183 11.3 9.0 13.6



#78

Pyrene

Concen: 52.698 ng

RT: 19.221 min Scan# 2777

Delta R.T. -0.018 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

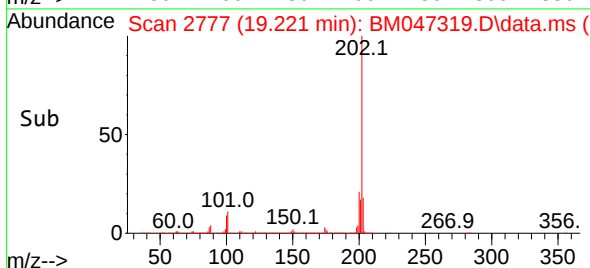
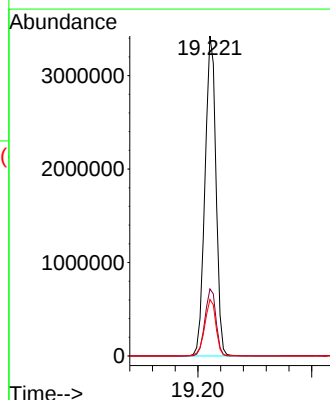
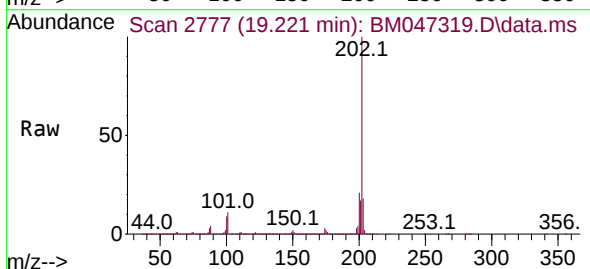
Tgt Ion:202 Resp: 4576440

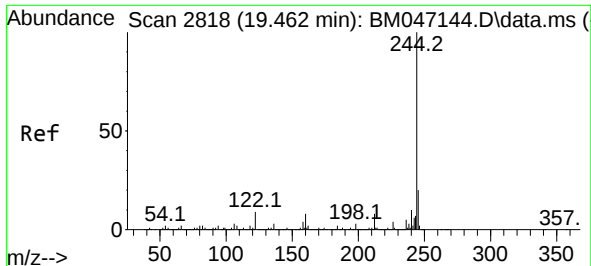
Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.7 14.2 21.2

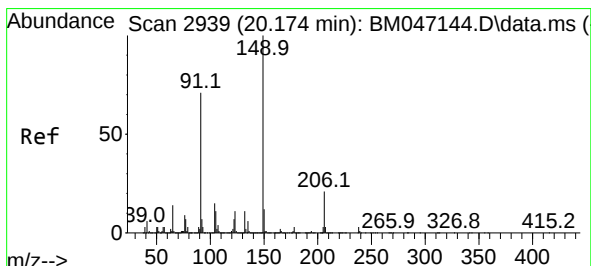
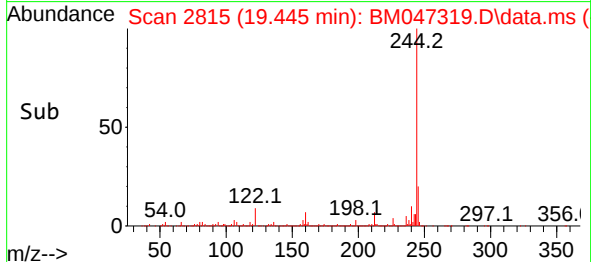
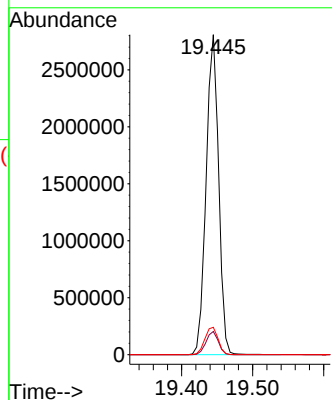
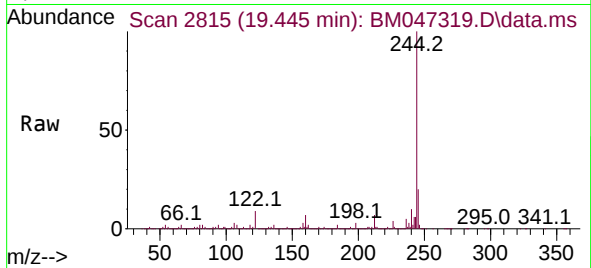




#79
 Terphenyl-d14
 Concen: 60.599 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM047319.D
 Acq: 22 Aug 2024 16:30

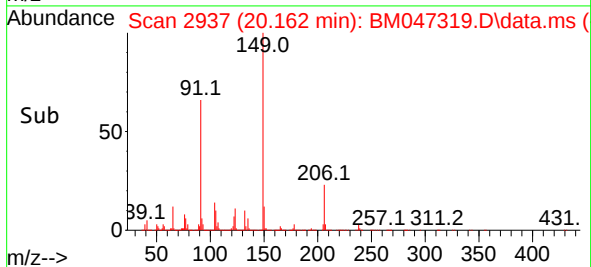
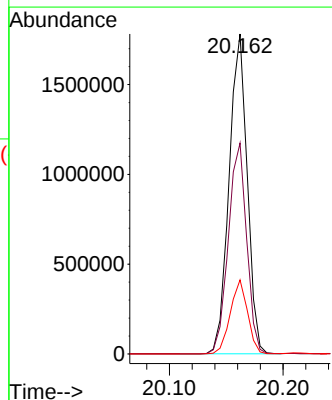
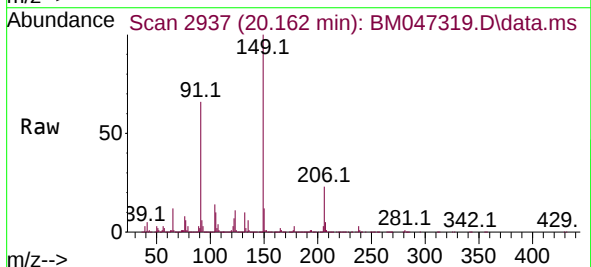
Instrument :
 BNA_M
 ClientSampleId :
 S-928-KI-SO-0.5-1-081924MSD

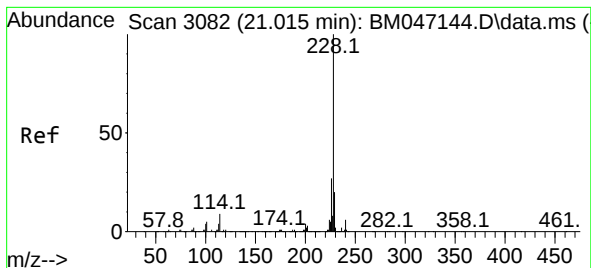
Tgt Ion:244 Resp: 3439615
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 8.5 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 55.647 ng
 RT: 20.162 min Scan# 2937
 Delta R.T. -0.012 min
 Lab File: BM047319.D
 Acq: 22 Aug 2024 16:30

Tgt Ion:149 Resp: 1972160
 Ion Ratio Lower Upper
 149 100
 91 65.9 57.0 85.4
 206 23.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 51.397 ng

RT: 21.003 min Scan# 3082

Delta R.T. -0.012 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

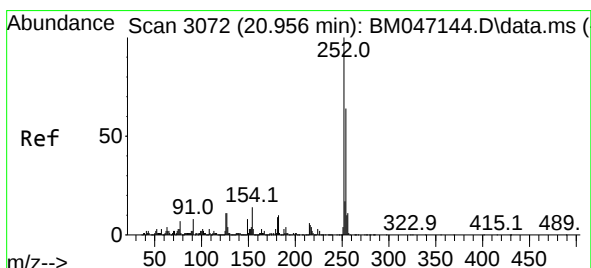
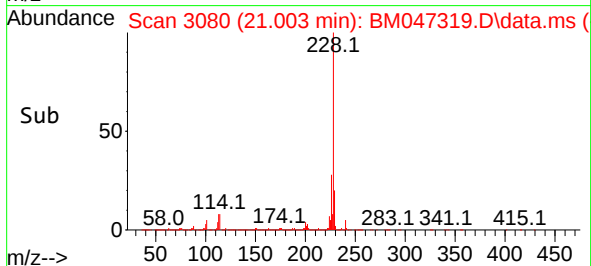
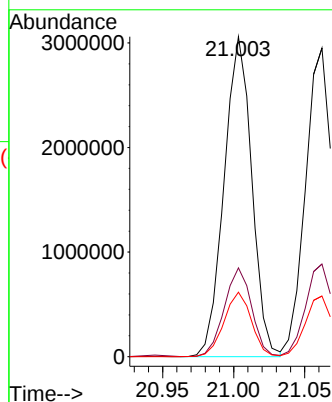
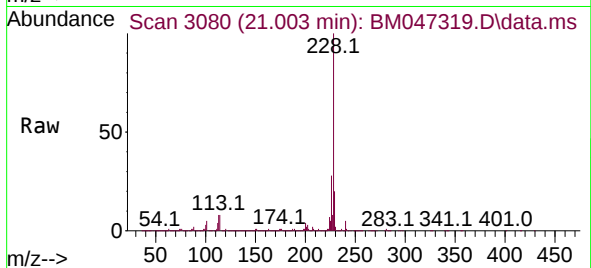
Tgt Ion:228 Resp: 4149843

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.6

229 20.1 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 42.321 ng

RT: 20.944 min Scan# 3070

Delta R.T. -0.012 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

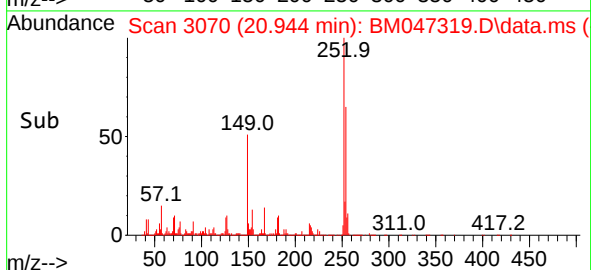
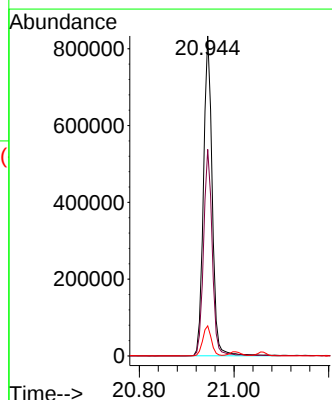
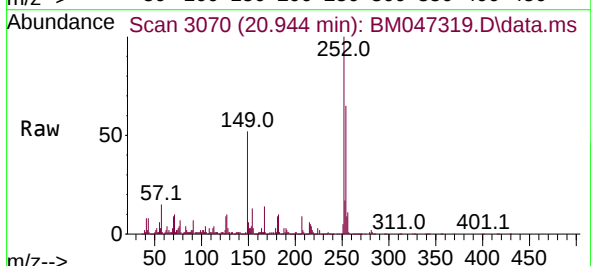
Tgt Ion:252 Resp: 1069129

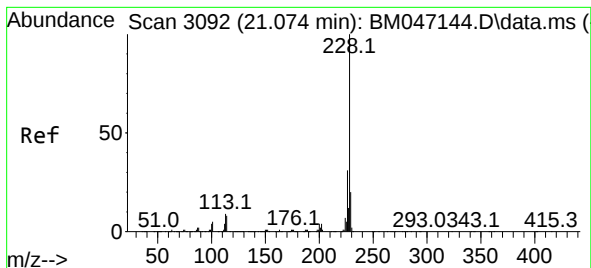
Ion Ratio Lower Upper

252 100

254 64.6 51.0 76.6

126 9.4 8.5 12.7





#83

Chrysene

Concen: 50.374 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

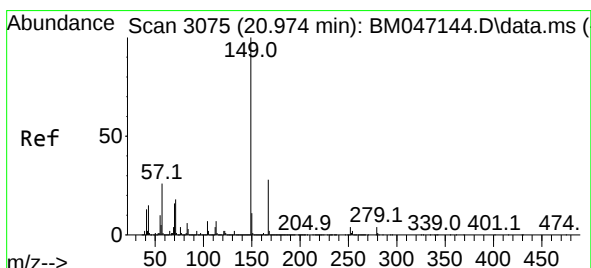
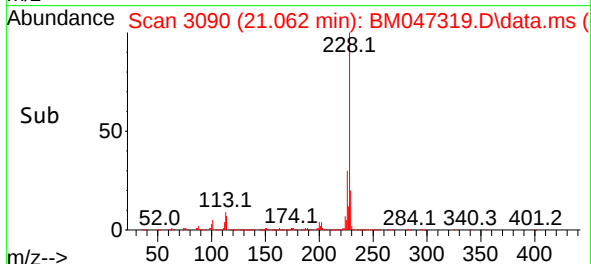
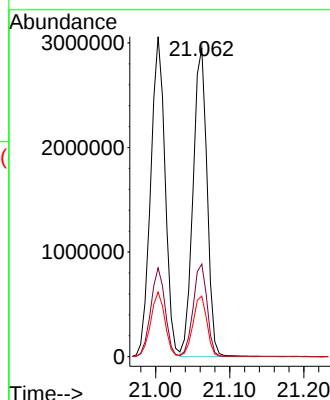
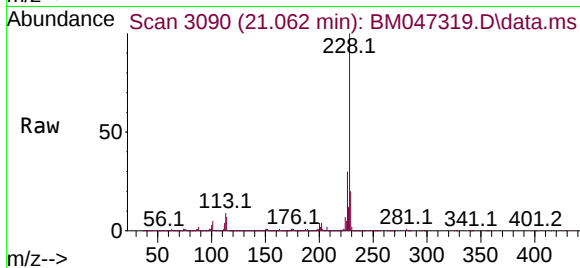
Tgt Ion:228 Resp: 3858865

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.857 ng

RT: 20.962 min Scan# 3073

Delta R.T. -0.012 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

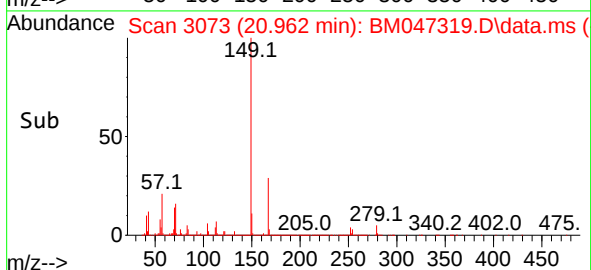
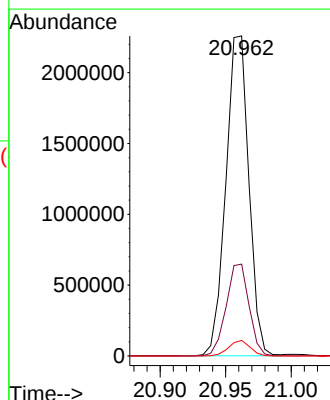
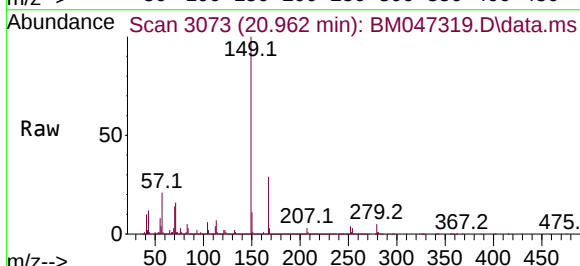
Tgt Ion:149 Resp: 2757138

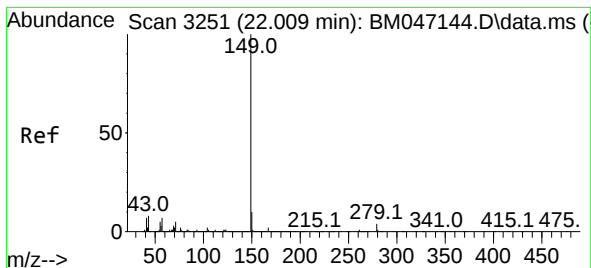
Ion Ratio Lower Upper

149 100

167 28.7 22.2 33.2

279 4.9 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 56.757 ng

RT: 21.986 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

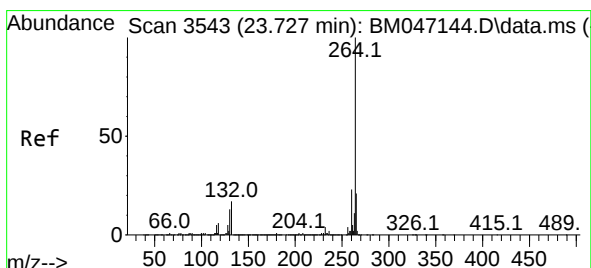
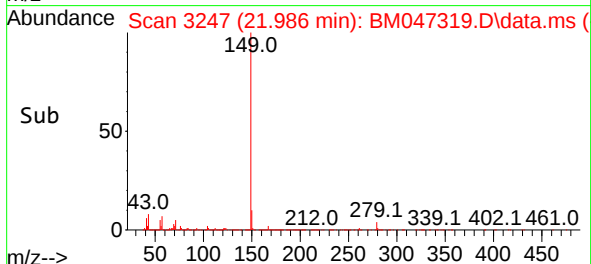
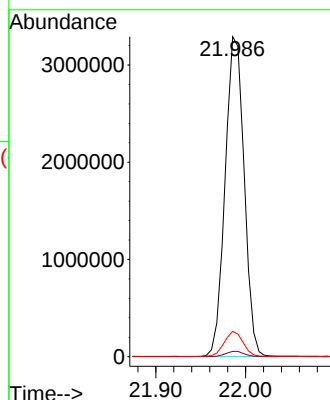
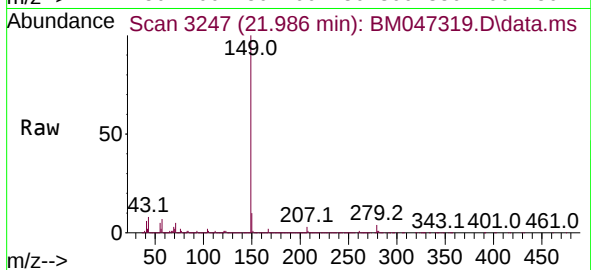
Tgt Ion:149 Resp: 4848697

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.709 min Scan# 3540

Delta R.T. -0.018 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

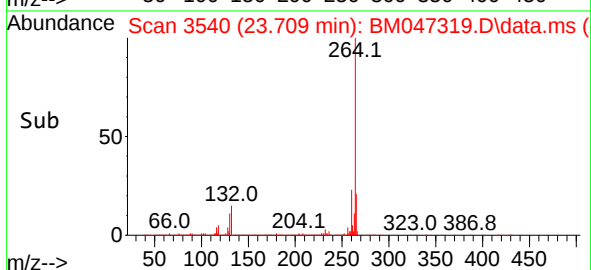
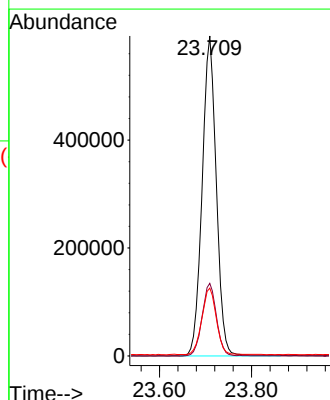
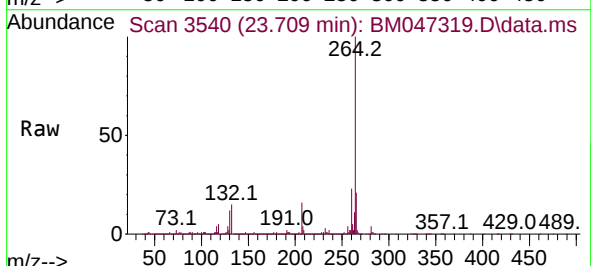
Tgt Ion:264 Resp: 1268089

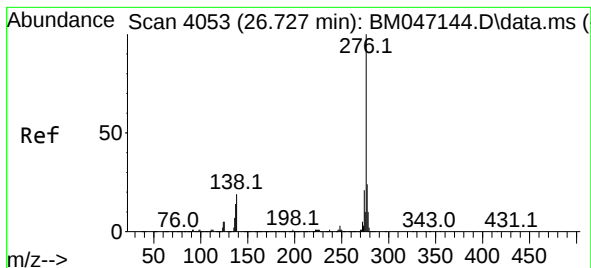
Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 21.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.389 ng

RT: 26.709 min Scan# 4053

Delta R.T. -0.018 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

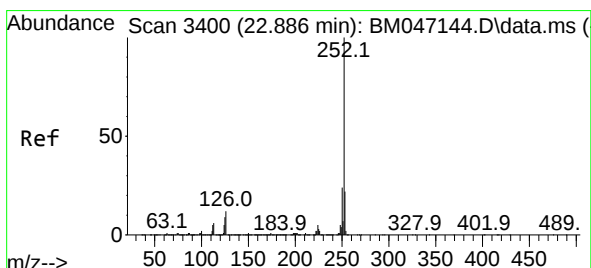
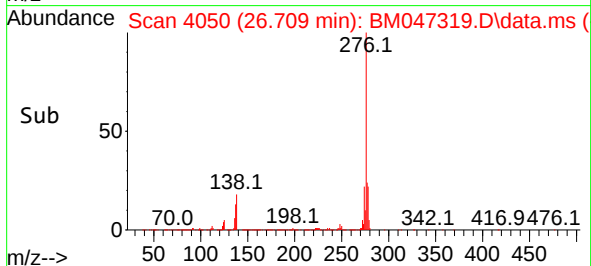
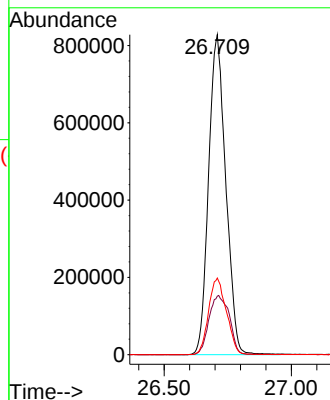
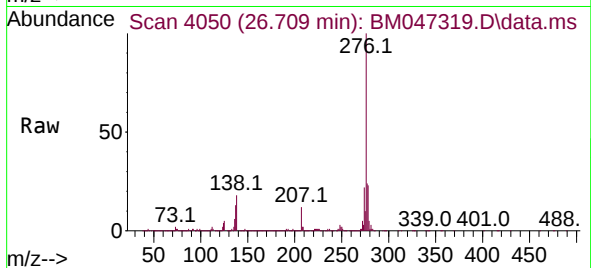
Tgt Ion:276 Resp: 3884310

Ion Ratio Lower Upper

276 100

138 22.0 19.4 29.0

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 50.915 ng

RT: 22.874 min Scan# 3398

Delta R.T. -0.012 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

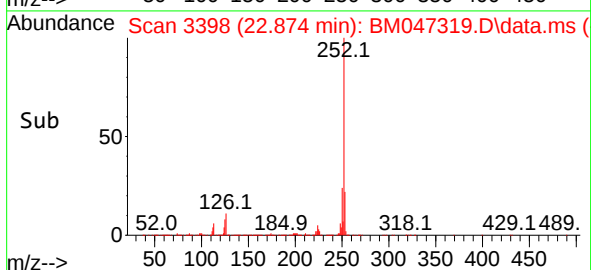
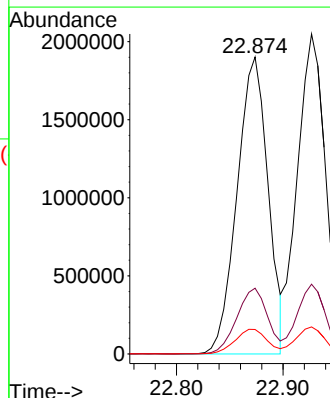
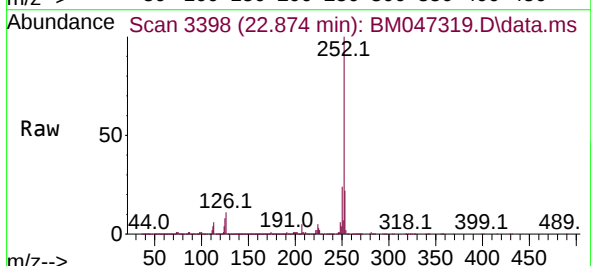
Tgt Ion:252 Resp: 3834235

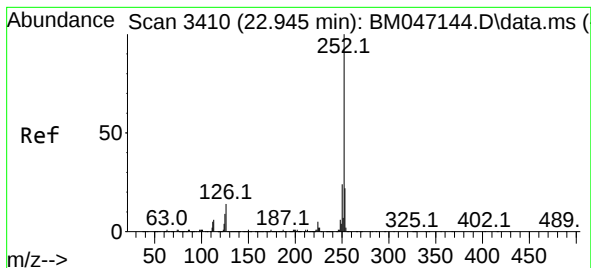
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 53.140 ng

RT: 22.927 min Scan# 3410

Delta R.T. -0.018 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0.5-1-081924MSD

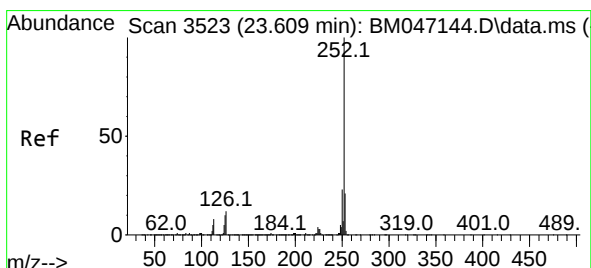
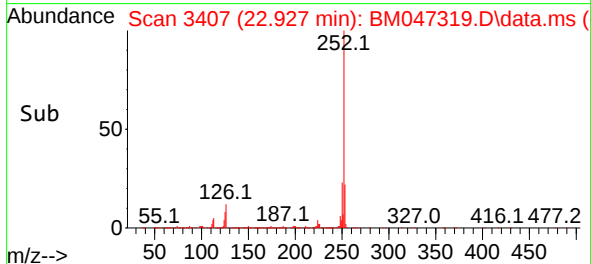
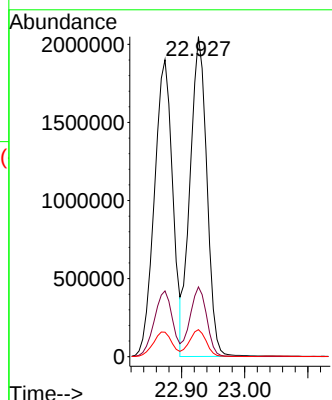
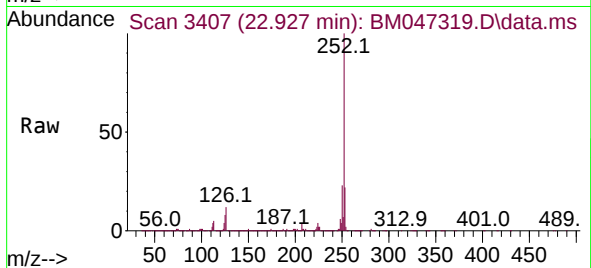
Tgt Ion:252 Resp: 3779869

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 53.835 ng

RT: 23.585 min Scan# 3519

Delta R.T. -0.024 min

Lab File: BM047319.D

Acq: 22 Aug 2024 16:30

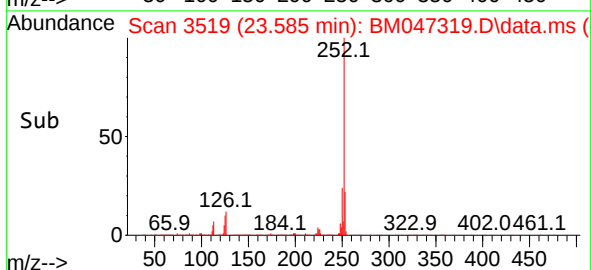
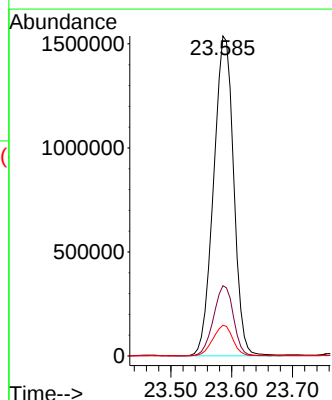
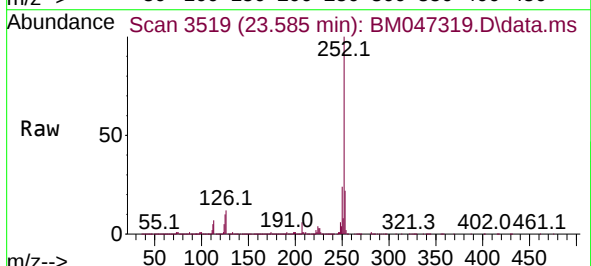
Tgt Ion:252 Resp: 3511970

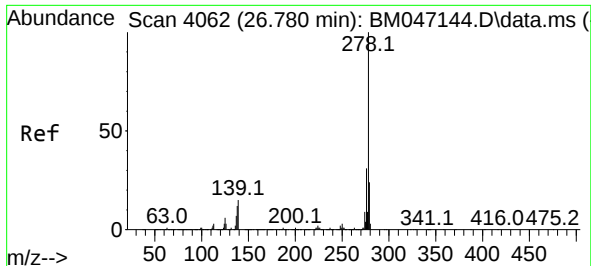
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 9.6 8.2 12.2

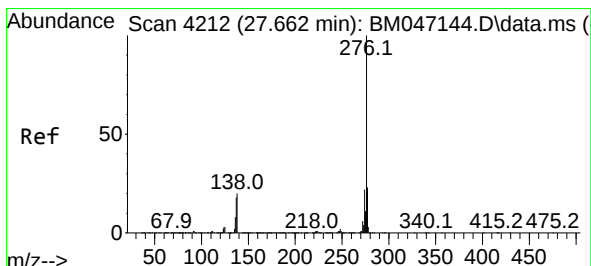
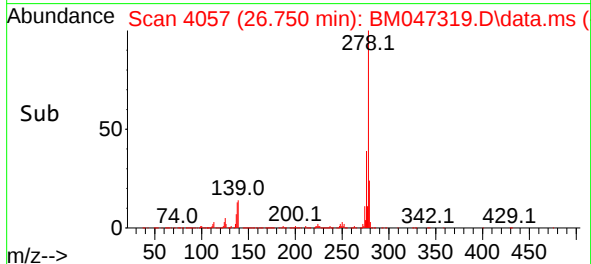
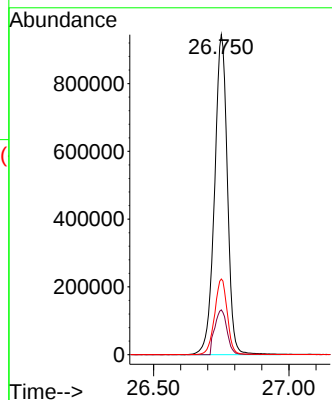
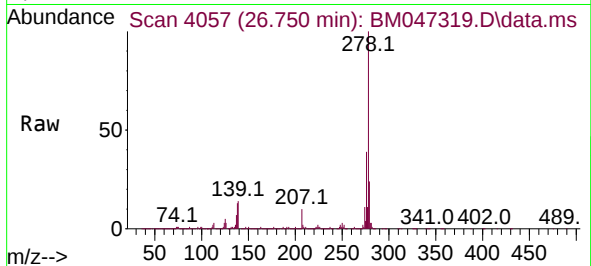




#91
Dibenzo(a,h)anthracene
Concen: 46.851 ng
RT: 26.750 min Scan# 4062
Delta R.T. -0.030 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

Tgt Ion:278 Resp: 3107788
Ion Ratio Lower Upper
278 100
139 14.0 12.0 18.0
279 23.7 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 42.631 ng
RT: 27.632 min Scan# 4207
Delta R.T. -0.030 min
Lab File: BM047319.D
Acq: 22 Aug 2024 16:30

Tgt Ion:276 Resp: 2936041
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 18.7 16.2 24.4

