

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
 Data File : BM047318.D
 Acq On : 22 Aug 2024 15:50
 Operator : RC/JU
 Sample : P3671-10MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-928-K1-SO-0.5-1-081924MS

Quant Time: Aug 22 18:59:27 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	7.352	152	265473	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	1026742	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	688419	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1449373	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1253561	20.000	ng	-0.01
86) Perylene-d12	23.709	264	1332024	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.011	112	1346124	90.605	ng	-0.01
7) Phenol-d6	6.575	99	1788211	87.350	ng	-0.01
23) Nitrobenzene-d5	8.499	82	1169440	57.351	ng	-0.02
42) 2,4,6-Tribromophenol	15.528	330	739558	92.649	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	2260203	50.644	ng	-0.02
79) Terphenyl-d14	19.445	244	3295249	56.327	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	233232	37.888	ng	96
3) Pyridine	3.393	79	622866	34.505	ng	97
4) n-Nitrosodimethylamine	3.317	42	305535	38.741	ng	98
6) Aniline	6.705	93	699600	36.156	ng	98
8) 2-Chlorophenol	6.928	128	788544	48.663	ng	99
9) Benzaldehyde	6.516	77	349190	29.252	ng	99
10) Phenol	6.599	94	931496	45.600	ng	98
11) bis(2-Chloroethyl)ether	6.805	93	740454	42.328	ng	97
12) 1,3-Dichlorobenzene	7.240	146	845486	43.908	ng	98
13) 1,4-Dichlorobenzene	7.387	146	854172	43.812	ng	98
14) 1,2-Dichlorobenzene	7.693	146	823251	44.753	ng	99
15) Benzyl Alcohol	7.610	79	712702	48.916	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.875	45	940959	41.918	ng	98
17) 2-Methylphenol	7.816	107	638106	46.823	ng	98
18) Hexachloroethane	8.399	117	324983	43.033	ng	94
19) n-Nitroso-di-n-propyla...	8.163	70	565940	41.041	ng	99
20) 3+4-Methylphenols	8.146	107	875914	45.975	ng	99
22) Acetophenone	8.175	105	1074602	43.359	ng	99
24) Nitrobenzene	8.546	77	870876	42.415	ng	97
25) Isophorone	9.069	82	1614986	45.488	ng	98
26) 2-Nitrophenol	9.240	139	450626	49.557	ng	97
27) 2,4-Dimethylphenol	9.322	122	641829	60.257	ng	100
28) bis(2-Chloroethoxy)met...	9.551	93	1007422	45.095	ng	100
29) 2,4-Dichlorophenol	9.781	162	825234	52.216	ng	98
30) 1,2,4-Trichlorobenzene	9.975	180	830403	46.429	ng	99
31) Naphthalene	10.157	128	2282387	44.623	ng	99
32) Benzoic acid	9.522	122	567943	45.894	ng	97
33) 4-Chloroaniline	10.287	127	435065	22.119	ng	99
34) Hexachlorobutadiene	10.440	225	520589	49.729	ng	99
35) Caprolactam	11.104	113	258816	47.156	ng	89
36) 4-Chloro-3-methylphenol	11.440	107	808997	48.064	ng	99
37) 2-Methylnaphthalene	11.781	142	1680180	46.136	ng	99
38) 1-Methylnaphthalene	12.010	142	1575086	43.762	ng	98
40) 1,2,4,5-Tetrachloroben...	12.169	216	930966	49.580	ng	99
41) Hexachlorocyclopentadiene	12.140	237	1055048	160.912	ng	98
43) 2,4,6-Trichlorophenol	12.428	196	691662	51.825	ng	98

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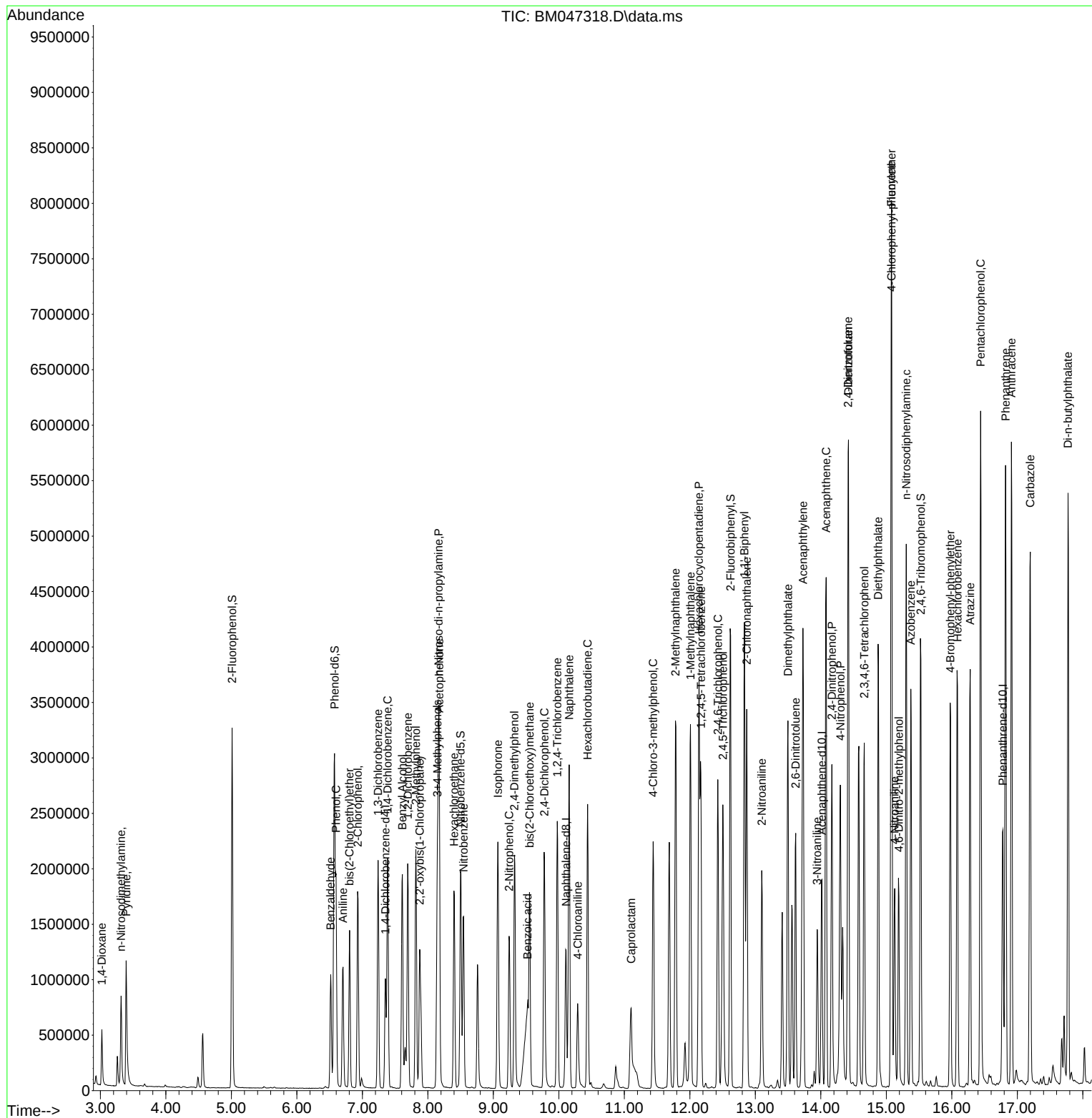
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.504	196	738009	49.804	ng	98
46) 1,1'-Biphenyl	12.834	154	2192671	44.740	ng	98
47) 2-Chloronaphthalene	12.869	162	1700598	44.395	ng	99
48) 2-Nitroaniline	13.098	65	542259	45.186	ng	99
49) Acenaphthylene	13.728	152	2746810	48.647	ng	99
50) Dimethylphthalate	13.498	163	2265127	47.112	ng	100
51) 2,6-Dinitrotoluene	13.616	165	512257	45.577	ng	89
52) Acenaphthene	14.081	154	1655829	46.230	ng	99
53) 3-Nitroaniline	13.945	138	378147	33.576	ng	99
54) 2,4-Dinitrophenol	14.169	184	704727	104.617	ng	92
55) Dibenzofuran	14.422	168	2622668	46.357	ng	97
56) 4-Nitrophenol	14.298	139	865999	89.173	ng	98
57) 2,4-Dinitrotoluene	14.416	165	683585	45.567	ng	97
58) Fluorene	15.075	166	2122093	45.460	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	633732	52.037	ng	95
60) Diethylphthalate	14.875	149	2238721	45.597	ng	99
61) 4-Chlorophenyl-phenyle...	15.080	204	1059439	47.672	ng	95
62) 4-Nitroaniline	15.128	138	480474	43.305	ng	96
63) Azobenzene	15.375	77	2019405	43.379	ng	96
65) 4,6-Dinitro-2-methylph...	15.192	198	442460	52.141	ng	85
66) n-Nitrosodiphenylamine	15.304	169	1871520	47.407	ng	100
67) 4-Bromophenyl-phenylether	15.980	248	697565	49.946	ng	96
68) Hexachlorobenzene	16.086	284	800582	47.862	ng	95
69) Atrazine	16.280	200	734557	61.834	ng	99
70) Pentachlorophenol	16.439	266	1105763	94.306	ng	98
71) Phenanthrene	16.822	178	3434310	47.215	ng	100
72) Anthracene	16.910	178	3505828	49.535	ng	100
73) Carbazole	17.198	167	3296660	45.620	ng	100
74) Di-n-butylphthalate	17.774	149	3973956	47.262	ng	99
75) Fluoranthene	18.857	202	4150827	46.916	ng	99
77) Benzidine	19.063	184	2159384	101.578	ng	100
78) Pyrene	19.221	202	4358812	48.698	ng	99
80) Butylbenzylphthalate	20.163	149	1886712	51.651	ng	93
81) Benzo(a)anthracene	21.004	228	4017187	48.273	ng	99
82) 3,3'-Dichlorobenzidine	20.945	252	1040038	39.944	ng	100
83) Chrysene	21.062	228	3760179	47.624	ng	100
84) Bis(2-ethylhexyl)phtha...	20.962	149	2651474	51.184	ng	# 98
85) Di-n-octyl phthalate	21.986	149	4745110	53.891	ng	97
87) Indeno(1,2,3-cd)pyrene	26.703	276	3819760	44.365	ng	98
88) Benzo(b)fluoranthene	22.874	252	3778045	47.761	ng	99
89) Benzo(k)fluoranthene	22.927	252	3709462	49.647	ng	99
90) Benzo(a)pyrene	23.586	252	3466386	50.586	ng	98
91) Dibenzo(a,h)anthracene	26.750	278	3050435	43.779	ng	99
92) Benzo(g,h,i)perylene	27.627	276	2872464	39.706	ng	99

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

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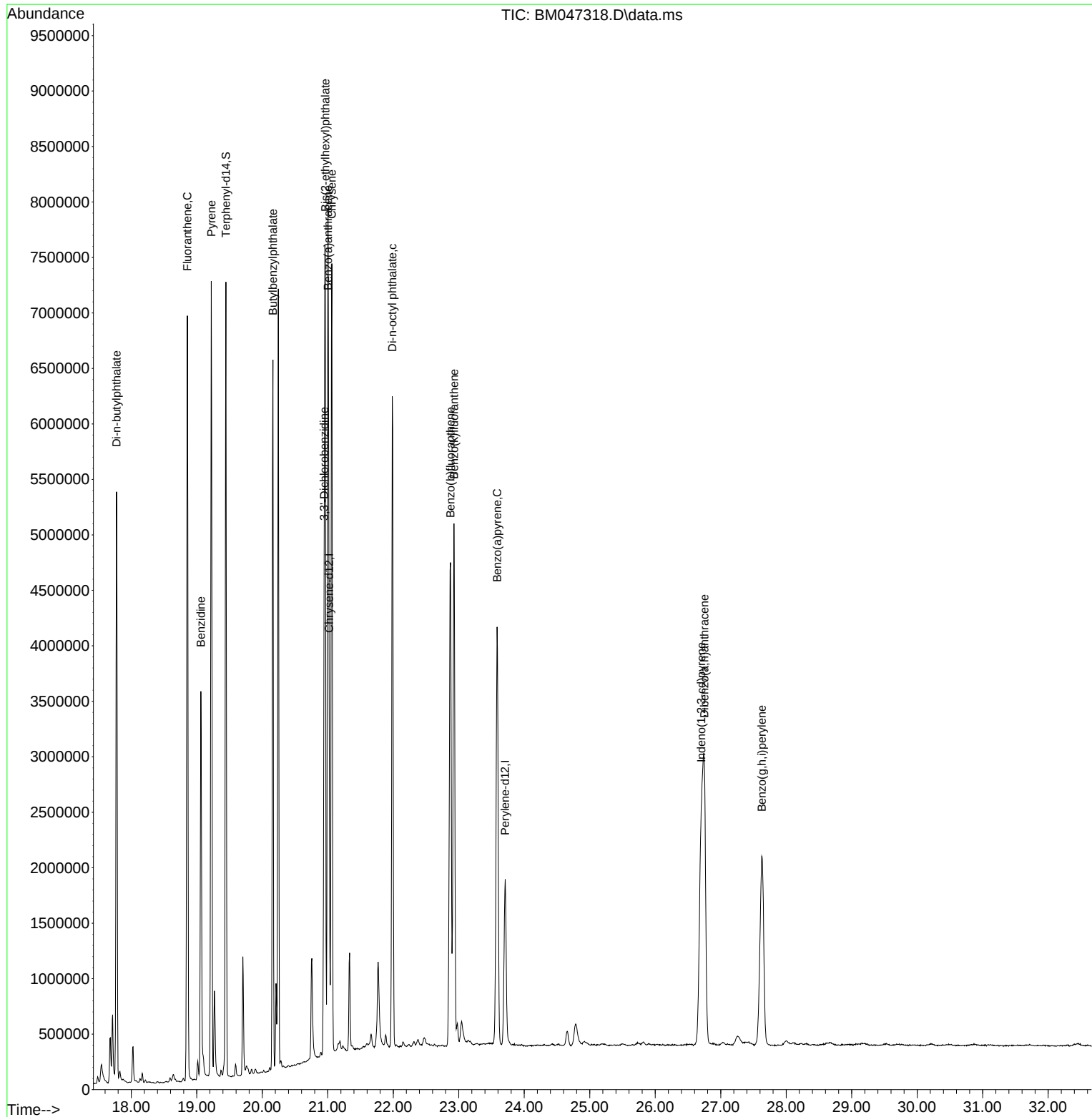
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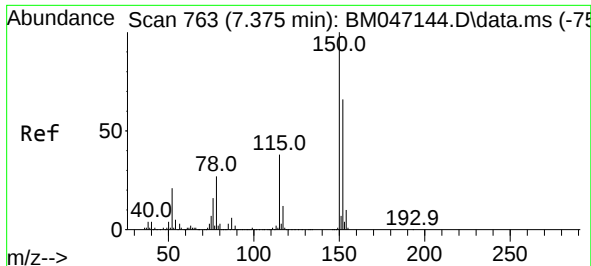


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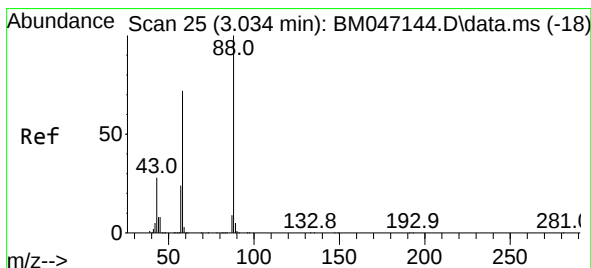
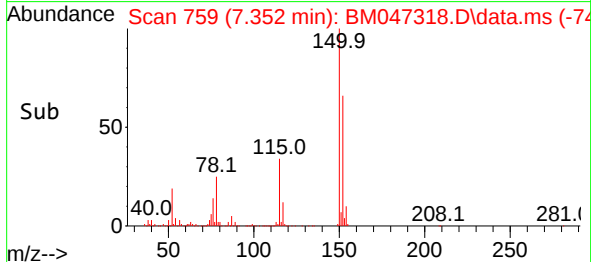
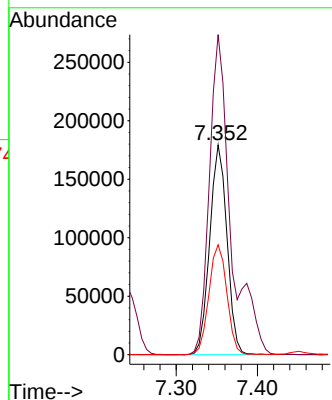
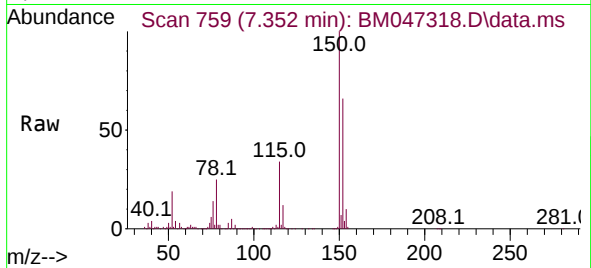




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.352 min Scan# 71
Delta R.T. -0.023 min
Lab File: BM047318.D
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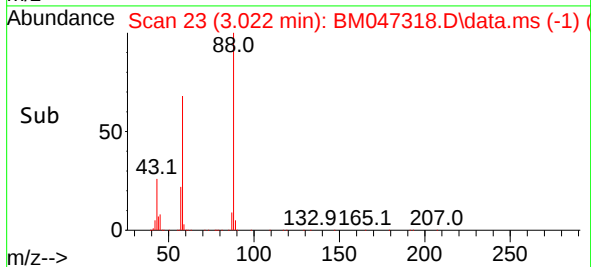
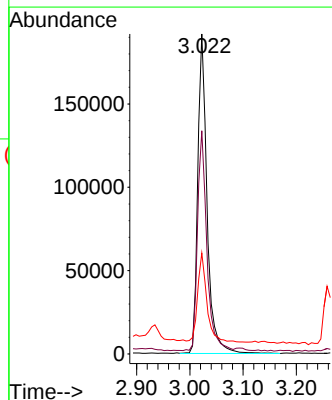
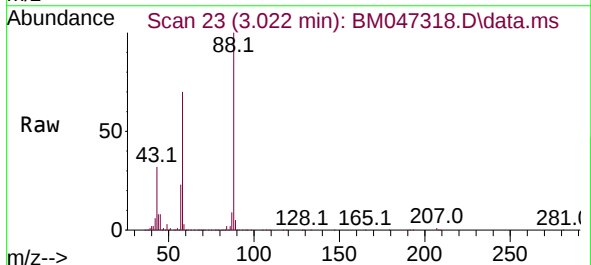
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Tgt Ion:152 Resp: 265473
Ion Ratio Lower Upper
152 100
150 152.5 120.5 180.7
115 52.4 45.5 68.3



#2
1,4-Dioxane
Concen: 37.888 ng
RT: 3.022 min Scan# 23
Delta R.T. -0.012 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion: 88 Resp: 233232
Ion Ratio Lower Upper
88 100
58 68.8 58.2 87.4
43 27.6 22.5 33.7

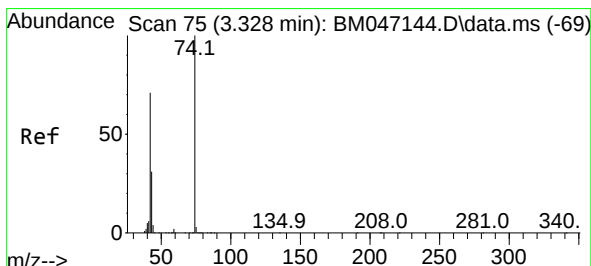
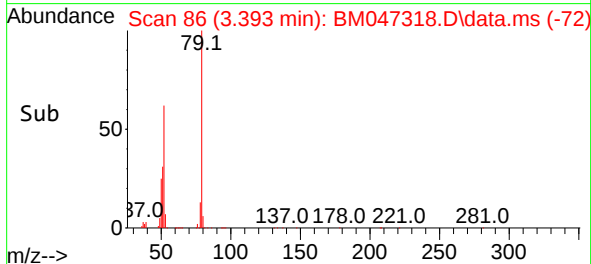
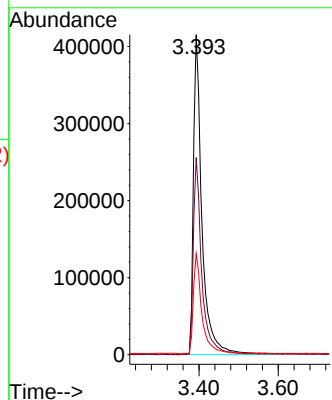
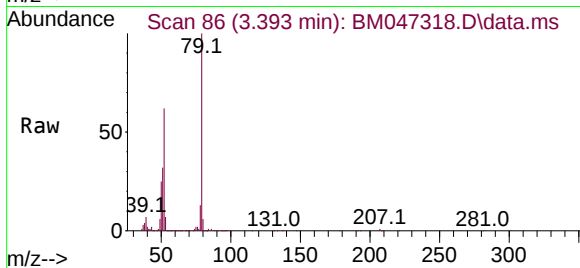




#3
 Pyridine
 Concen: 34.505 ng
 RT: 3.393 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BM047318.D
 Acq: 22 Aug 2024 15:50

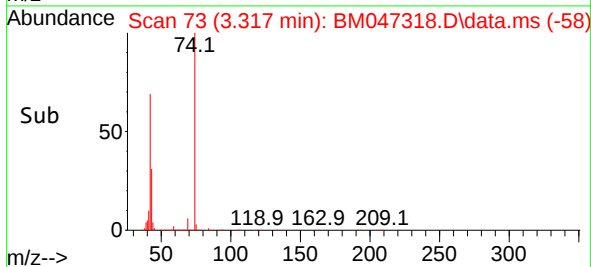
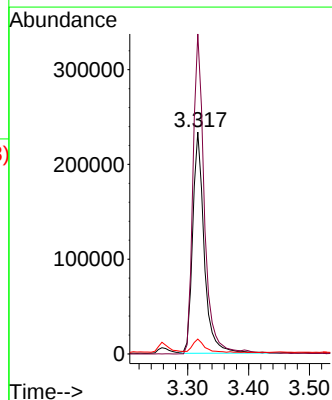
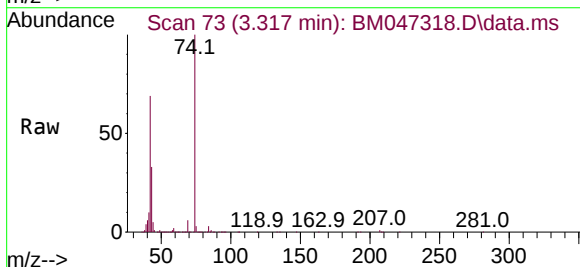
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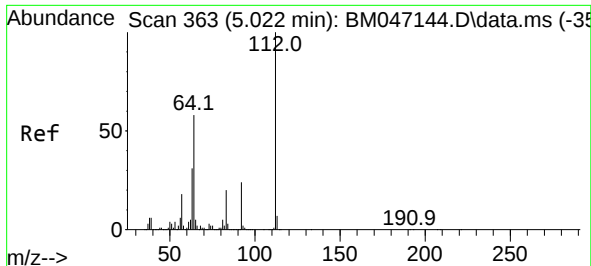
Tgt Ion: 79 Resp: 622866
 Ion Ratio Lower Upper
 79 100
 52 61.6 51.2 76.8
 51 31.5 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 38.741 ng
 RT: 3.317 min Scan# 73
 Delta R.T. -0.012 min
 Lab File: BM047318.D
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Tgt Ion: 42 Resp: 305535
 Ion Ratio Lower Upper
 42 100
 74 144.2 112.9 169.3
 44 6.7 5.3 7.9

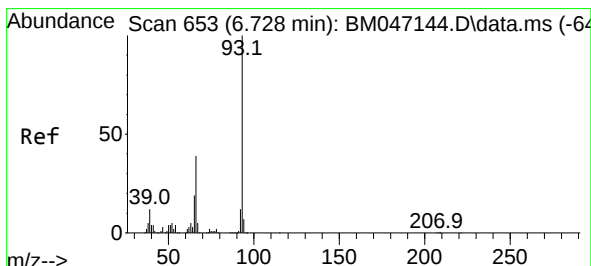
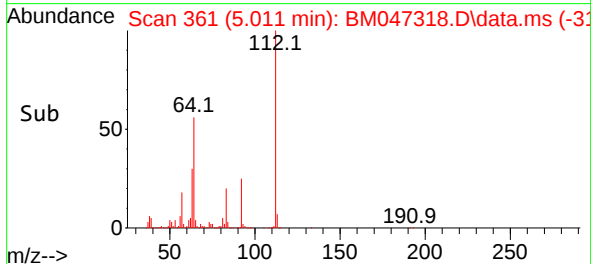
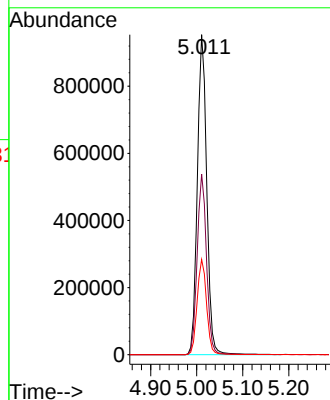
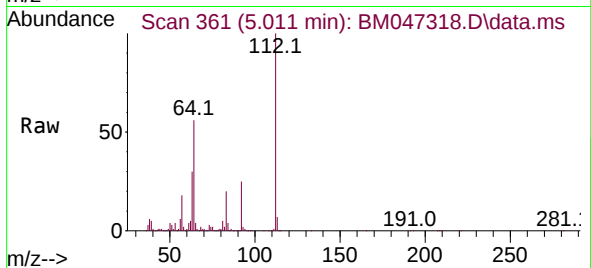




#5
2-Fluorophenol
Concen: 90.605 ng
RT: 5.011 min Scan# 361
Delta R.T. -0.012 min
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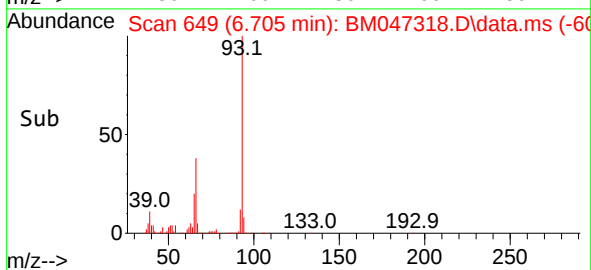
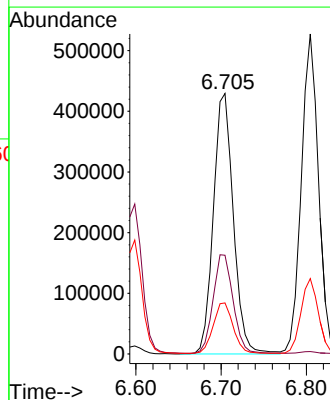
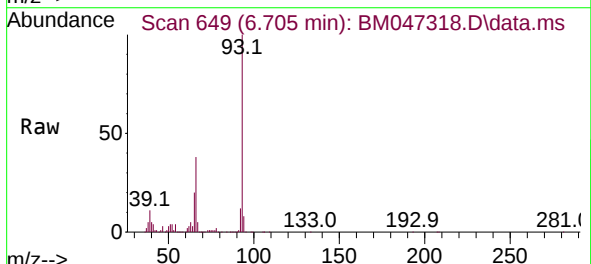
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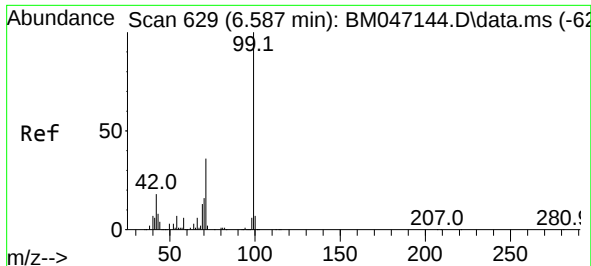
Tgt Ion:112 Resp: 1346124
Ion Ratio Lower Upper
112 100
64 56.4 46.7 70.1
63 29.7 24.8 37.2



#6
Aniline
Concen: 36.156 ng
RT: 6.705 min Scan# 649
Delta R.T. -0.023 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion: 93 Resp: 699600
Ion Ratio Lower Upper
93 100
66 37.9 31.4 47.2
65 19.6 15.6 23.4



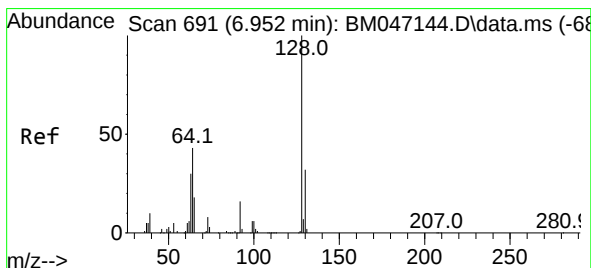
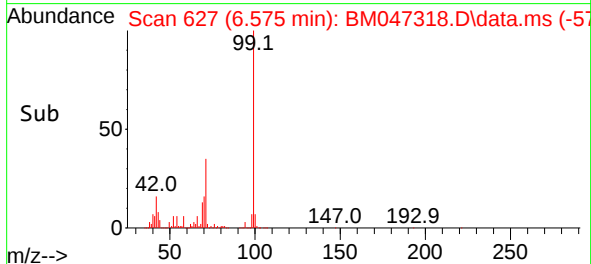
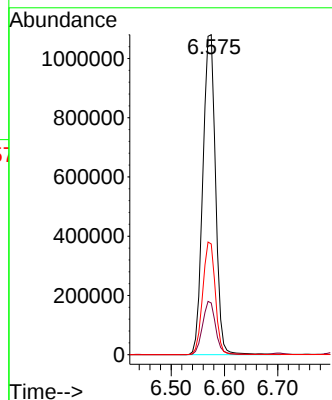
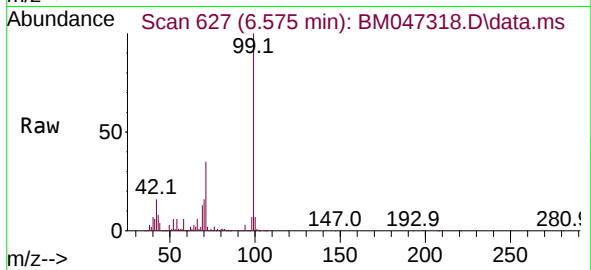


#7
Phenol-d6
Concen: 87.350 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047318.D
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Tgt Ion: 99 Resp: 1788211

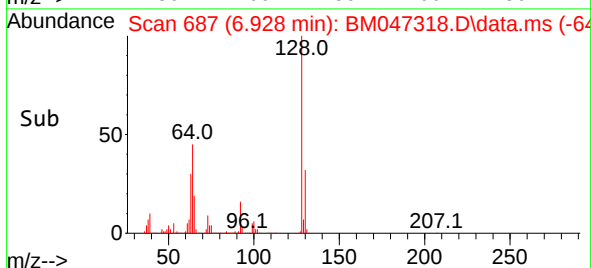
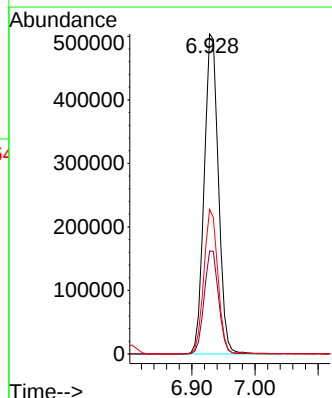
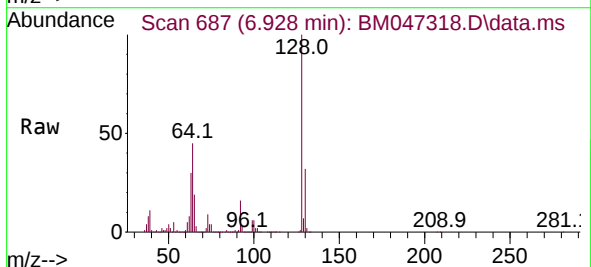
Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.1	21.1
71	34.6	28.5	42.7

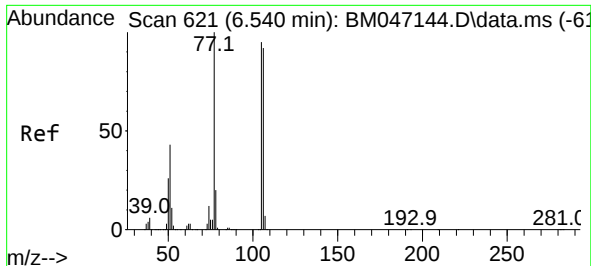


#8
2-Chlorophenol
Concen: 48.663 ng
RT: 6.928 min Scan# 687
Delta R.T. -0.023 min
Lab File: BM047318.D
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Tgt Ion: 128 Resp: 788544

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.1	52.1
64	45.2	26.6	66.6

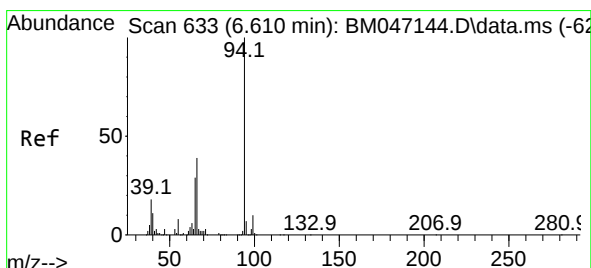
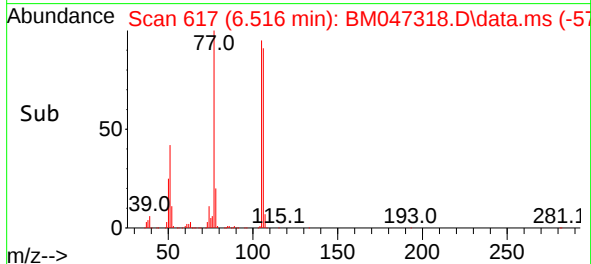
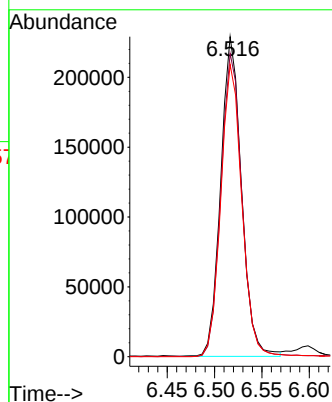
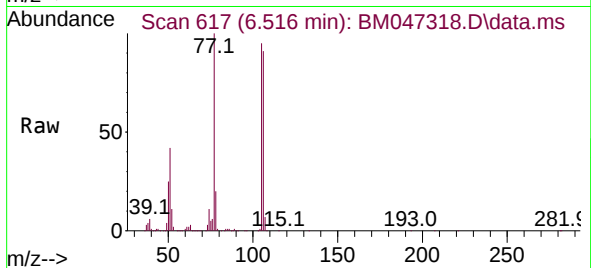




#9
Benzaldehyde
Concen: 29.252 ng
RT: 6.516 min Scan# 617
Delta R.T. -0.024 min
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Acq: 22 Aug 2024 15:50

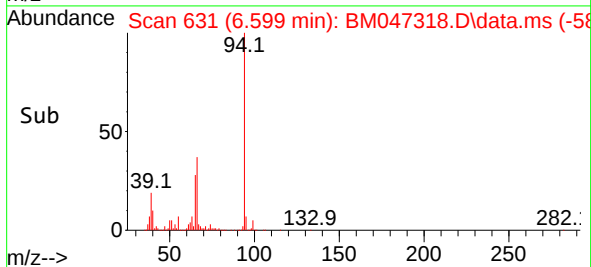
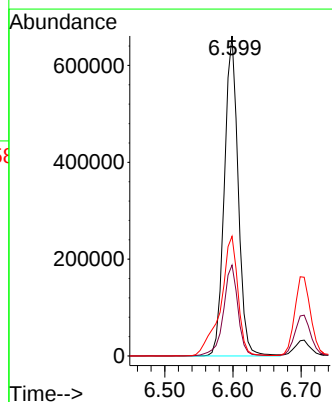
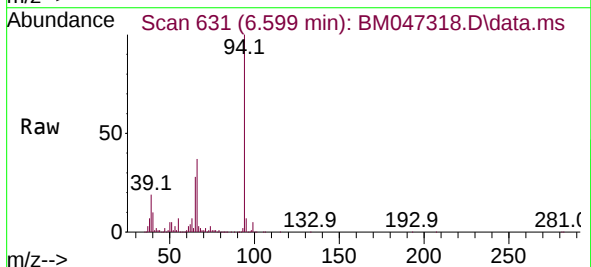
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

Tgt Ion: 77 Resp: 349190
Ion Ratio Lower Upper
77 100
105 94.7 74.5 114.5
106 91.3 72.3 112.3



#10
Phenol
Concen: 45.600 ng
RT: 6.599 min Scan# 631
Delta R.T. -0.012 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion: 94 Resp: 931496
Ion Ratio Lower Upper
94 100
65 28.4 9.0 49.0
66 37.4 18.9 58.9

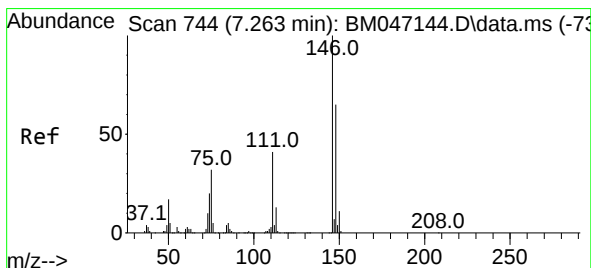
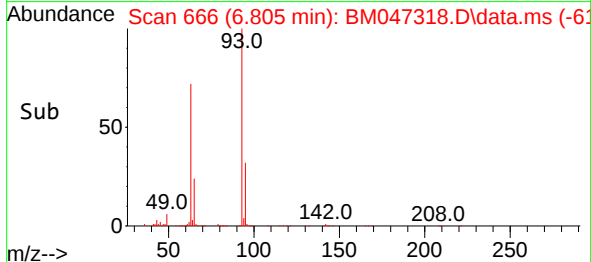
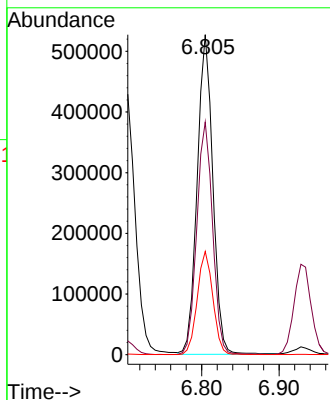
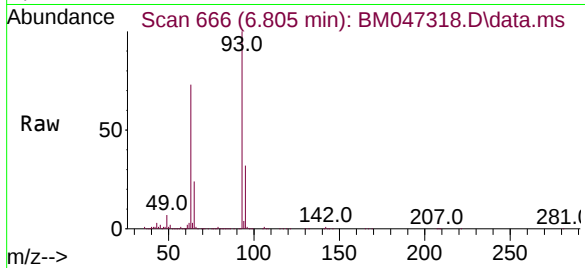




#11
bis(2-Chloroethyl)ether
Concen: 42.328 ng
RT: 6.805 min Scan# 610
Delta R.T. -0.023 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

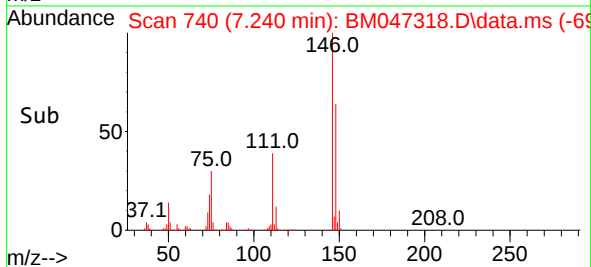
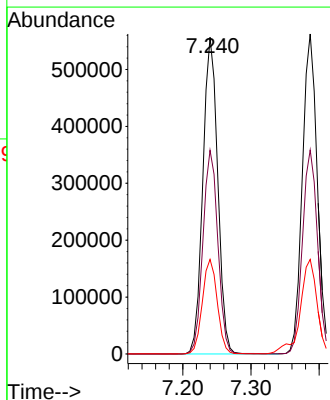
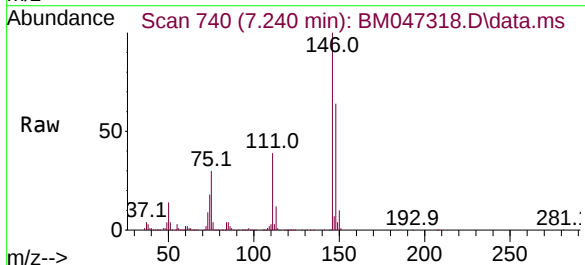
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

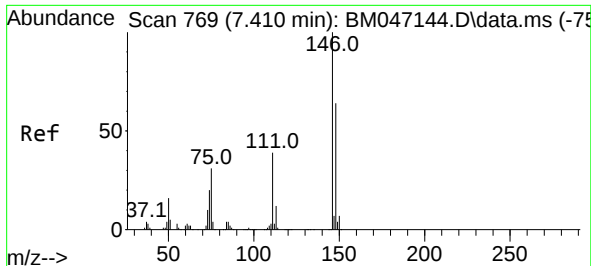
Tgt Ion: 93 Resp: 740454
Ion Ratio Lower Upper
93 100
63 72.7 55.8 95.8
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.908 ng
RT: 7.240 min Scan# 740
Delta R.T. -0.023 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion: 146 Resp: 845486
Ion Ratio Lower Upper
146 100
148 64.3 52.3 78.5
75 29.9 25.8 38.6

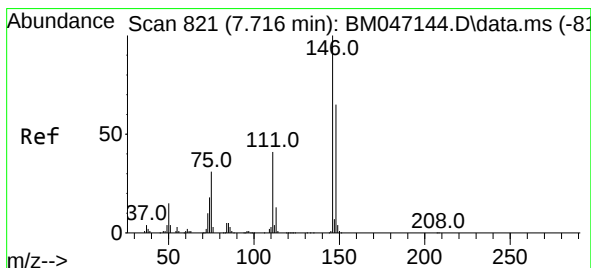
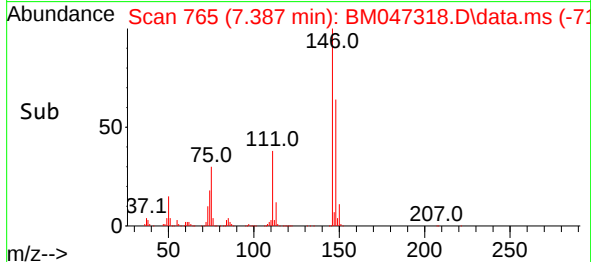
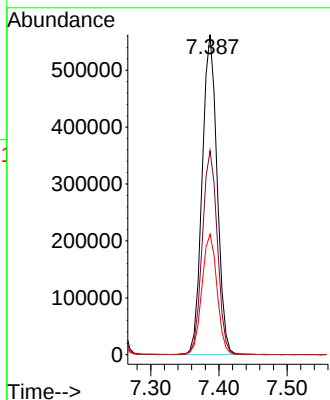
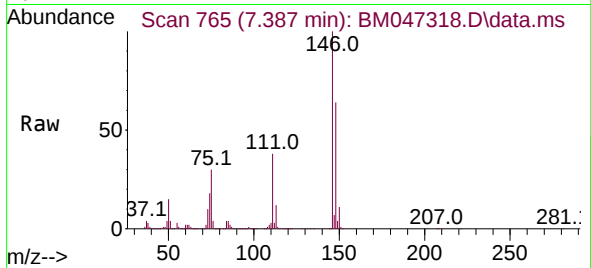




#13
1,4-Dichlorobenzene
Concen: 43.812 ng
RT: 7.387 min Scan# 701
Delta R.T. -0.023 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

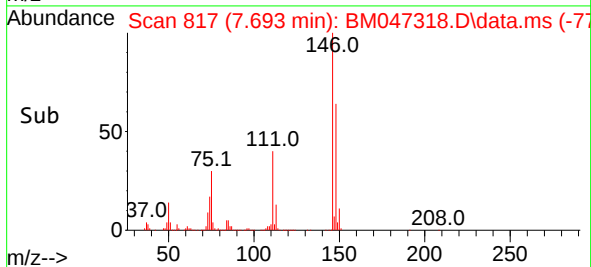
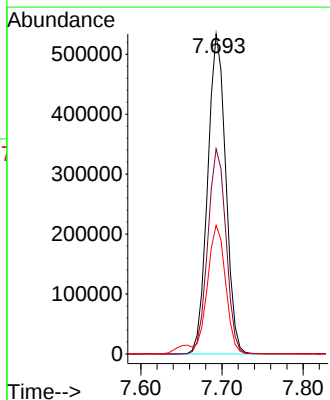
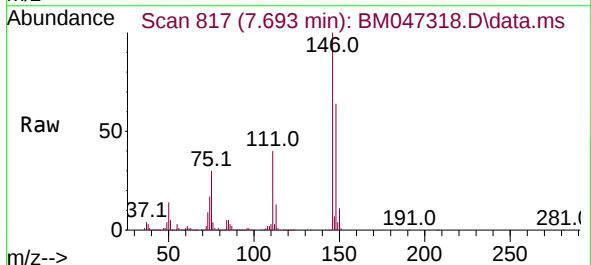
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

Tgt Ion:146 Resp: 854172
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 37.6 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 44.753 ng
RT: 7.693 min Scan# 817
Delta R.T. -0.023 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:146 Resp: 823251
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
111 40.2 33.3 49.9

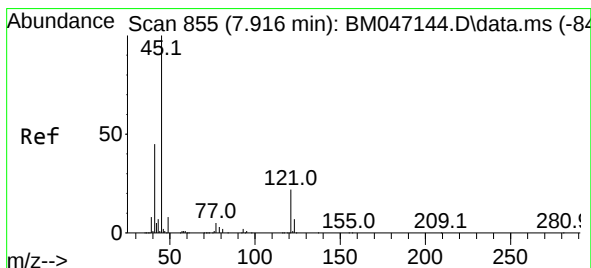
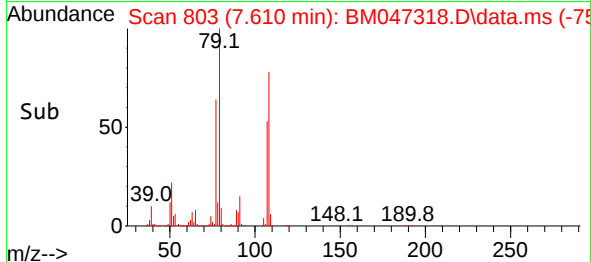
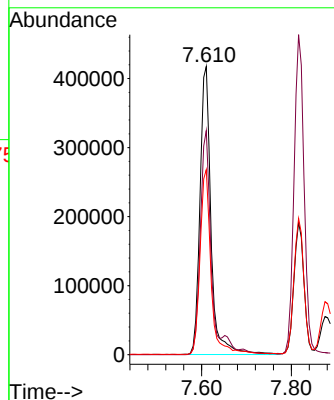
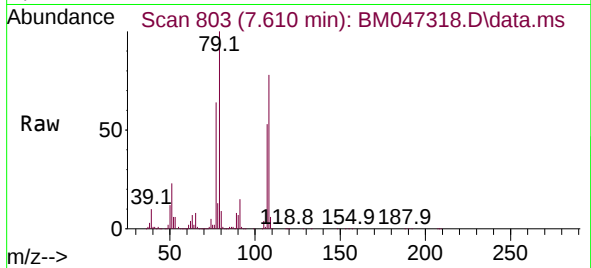




#15
Benzyl Alcohol
Concen: 48.916 ng
RT: 7.610 min Scan# 806
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

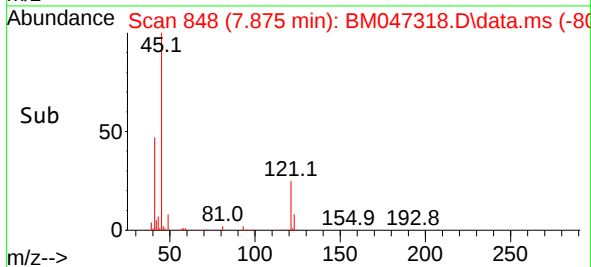
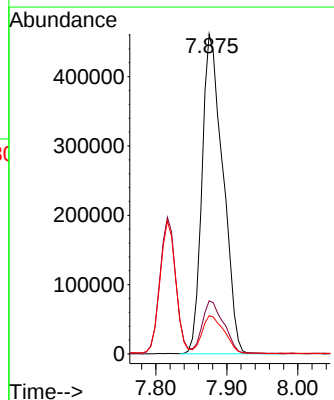
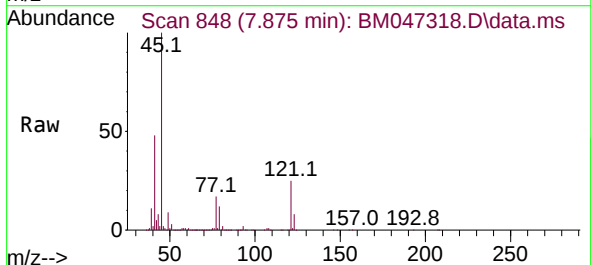
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

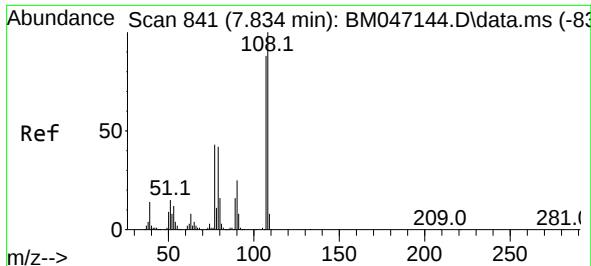
Tgt Ion: 79 Resp: 712702
Ion Ratio Lower Upper
79 100
108 77.7 59.7 89.5
77 64.2 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.918 ng
RT: 7.875 min Scan# 848
Delta R.T. -0.041 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion: 45 Resp: 940959
Ion Ratio Lower Upper
45 100
77 16.6 0.0 35.6
79 12.0 0.0 32.4

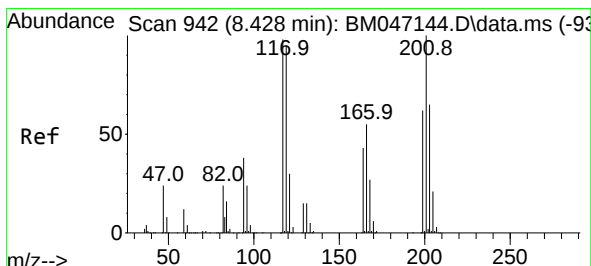
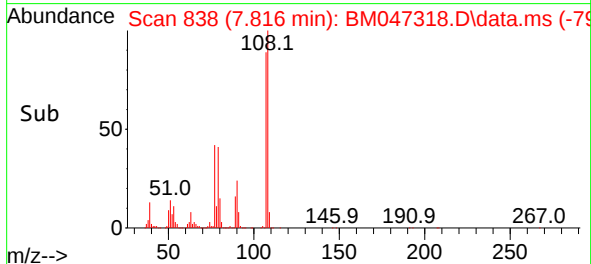
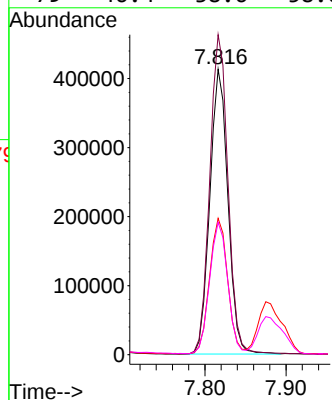
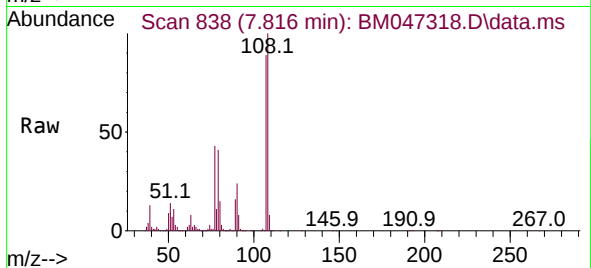




#17
2-Methylphenol
Concen: 46.823 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

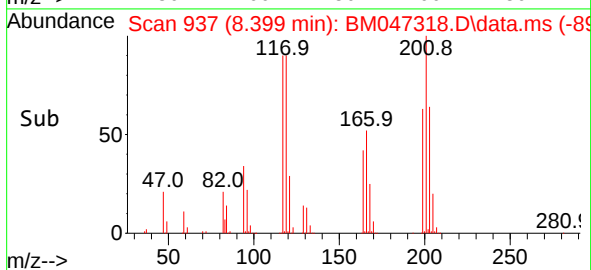
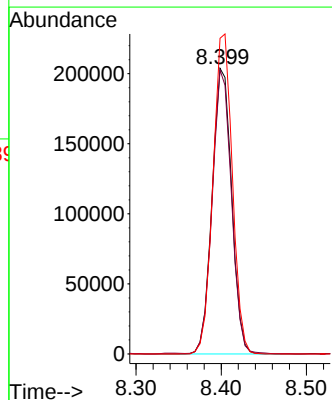
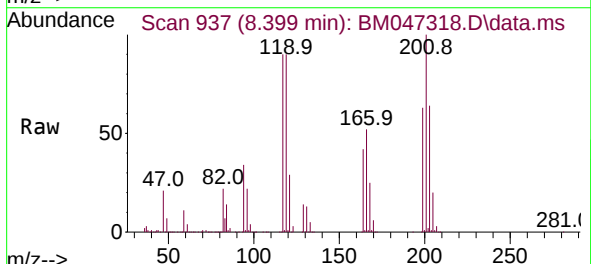
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

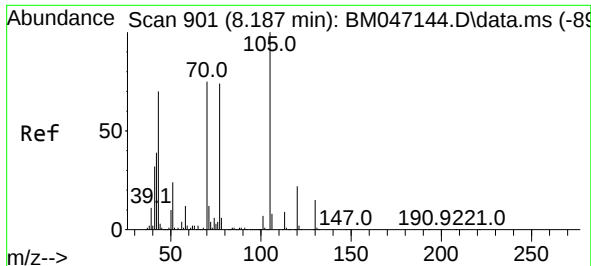
Tgt Ion:	107	Resp:	638106
Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.6	135.8
77	47.8	39.3	58.9
79	46.4	38.6	58.0



#18
Hexachloroethane
Concen: 43.033 ng
RT: 8.399 min Scan# 937
Delta R.T. -0.029 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:	117	Resp:	324983
Ion	Ratio	Lower	Upper
117	100		
119	99.5	77.0	115.4
201	110.6	81.3	121.9





#19

n-Nitroso-di-n-propylamine

Concen: 41.041 ng

RT: 8.163 min Scan# 897

Delta R.T. -0.023 min

Lab File: BM047318.D

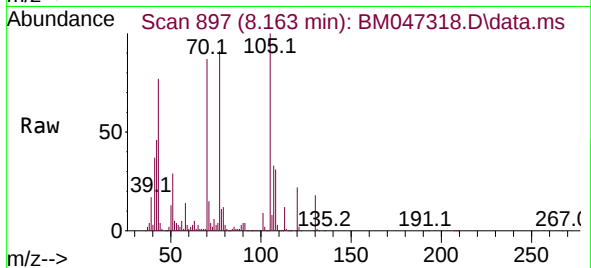
Acq: 22 Aug 2024 15:50

Instrument :

BNA_M

ClientSampleId :

S-928-K1-SO-0.5-1-081924MS



Tgt Ion: 70 Resp: 565940

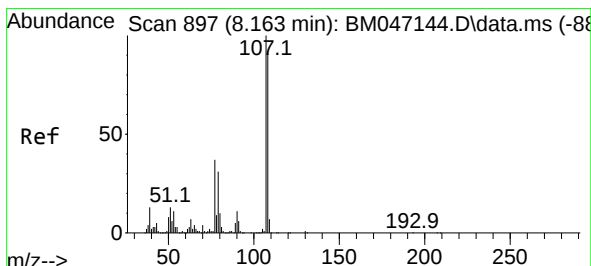
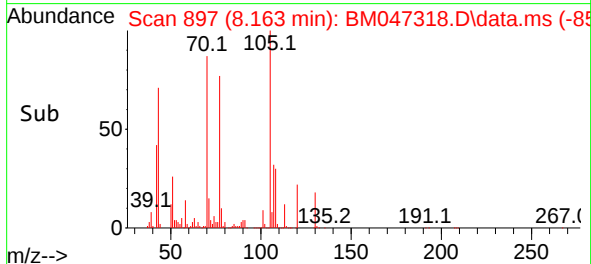
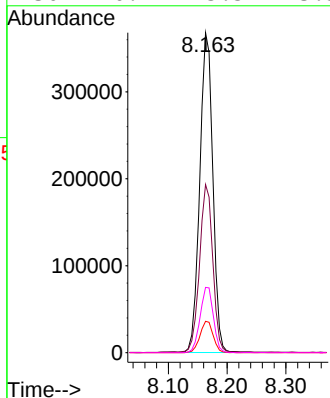
Ion Ratio Lower Upper

70 100

42 52.6 42.0 63.0

101 9.8 7.2 10.8

130 20.4 15.5 23.3



#20

3+4-Methylphenols

Concen: 45.975 ng

RT: 8.146 min Scan# 894

Delta R.T. -0.018 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

Tgt Ion: 107 Resp: 875914

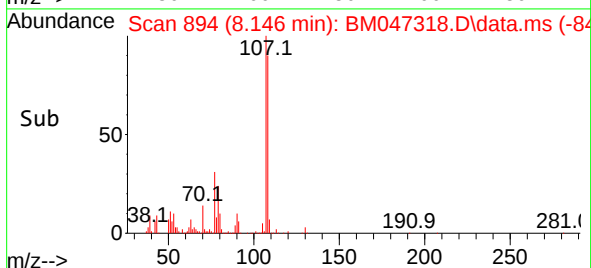
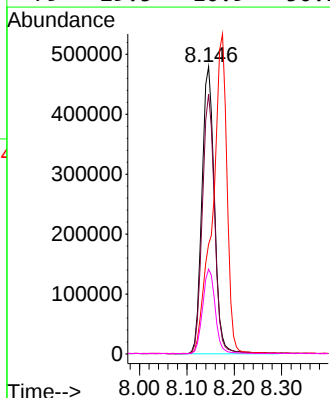
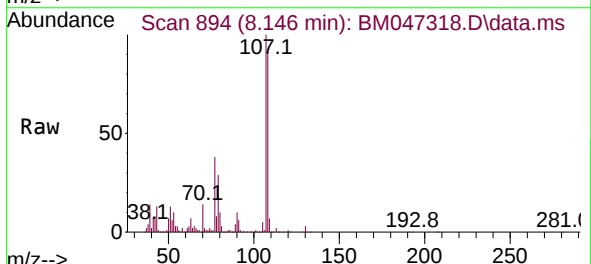
Ion Ratio Lower Upper

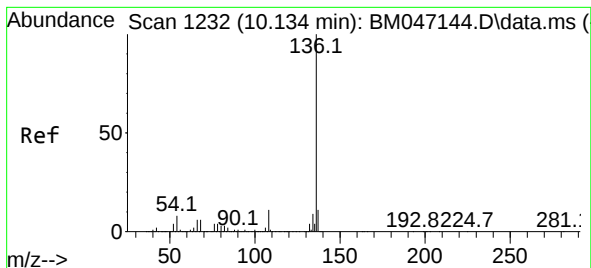
107 100

108 90.4 70.7 110.7

77 38.3 17.4 57.4

79 29.5 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.110 min Scan# 1

Delta R.T. -0.023 min

Lab File: BM047318.D

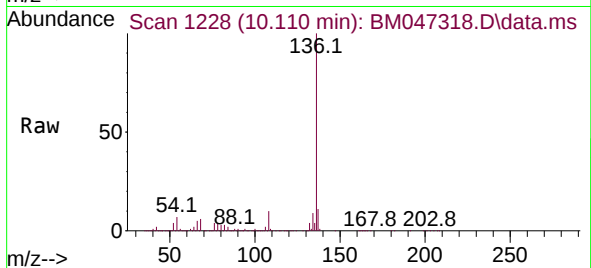
Acq: 22 Aug 2024 15:50

Instrument :

BNA_M

ClientSampleId :

S-928-K1-SO-0.5-1-081924MS



Tgt Ion:136 Resp: 1026742

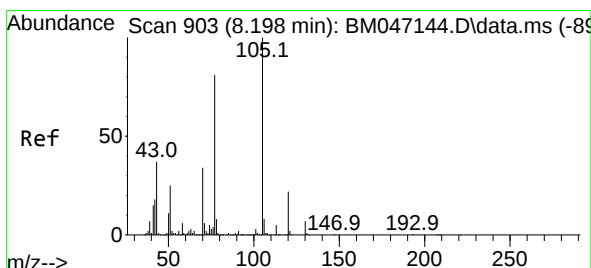
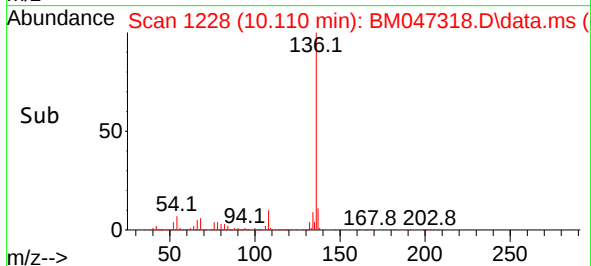
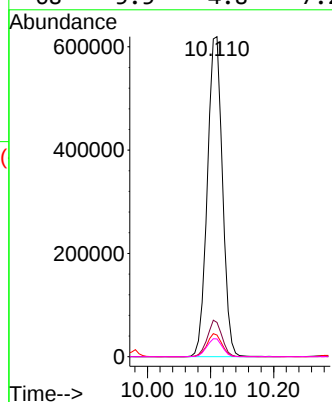
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.7 6.0 9.0

68 5.5 4.8 7.2



#22

Acetophenone

Concen: 43.359 ng

RT: 8.175 min Scan# 899

Delta R.T. -0.023 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

Tgt Ion:105 Resp: 1074602

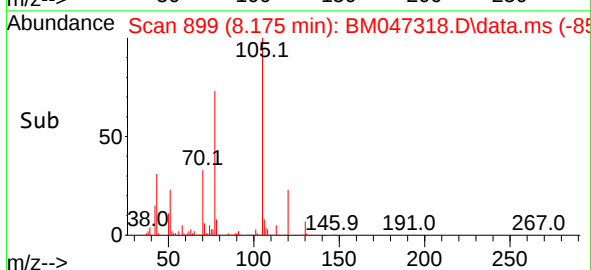
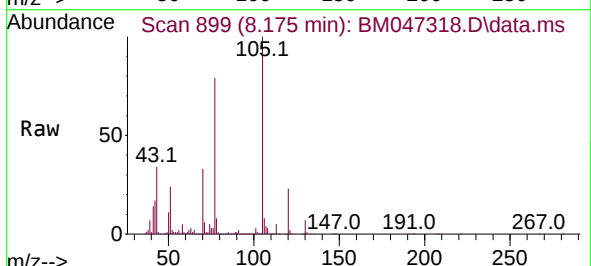
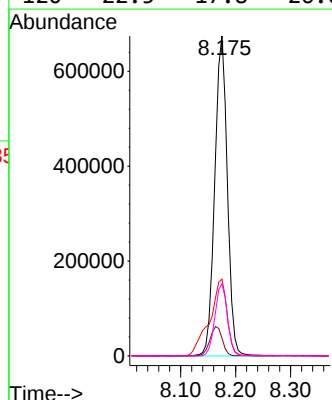
Ion Ratio Lower Upper

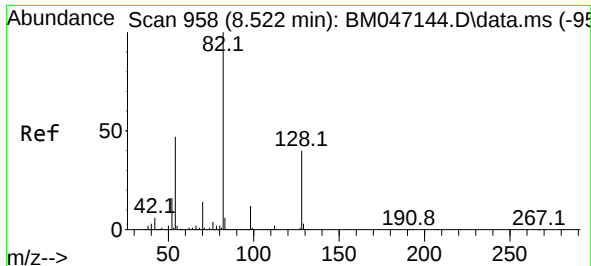
105 100

71 5.6 4.5 6.7

51 24.0 20.1 30.1

120 22.5 17.8 26.6

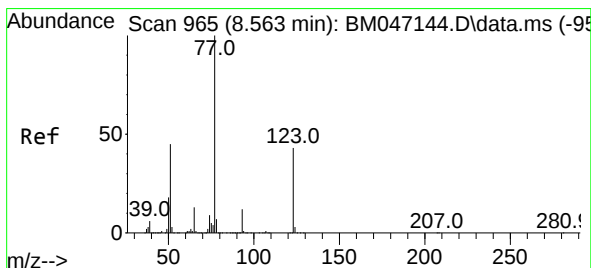
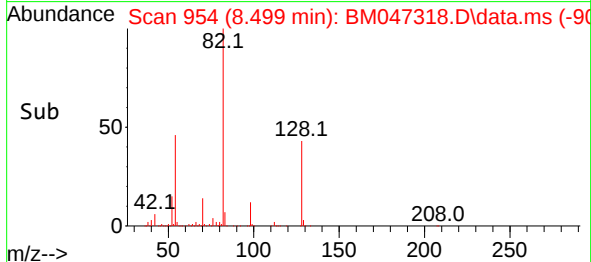
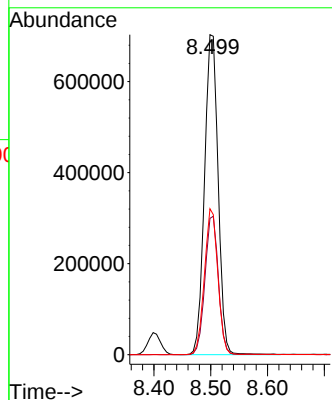
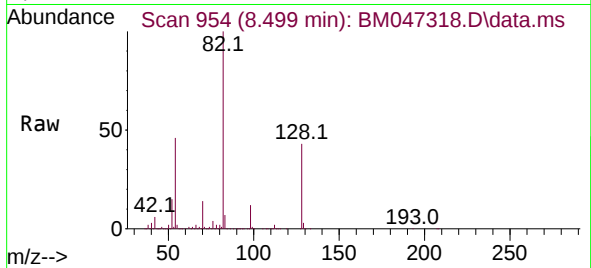




#23
Nitrobenzene-d5
Concen: 57.351 ng
RT: 8.499 min Scan# 91
Delta R.T. -0.023 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

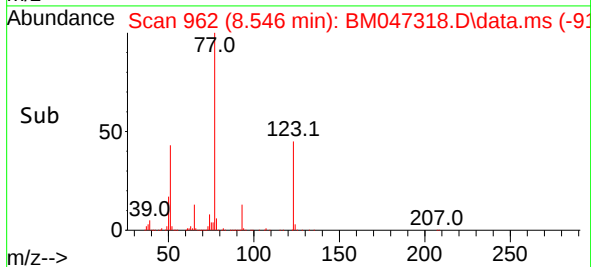
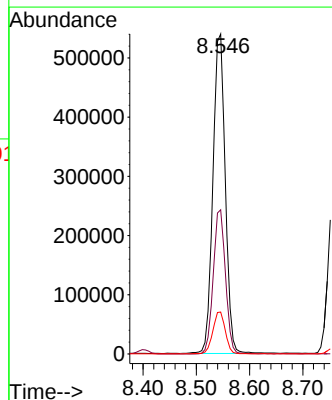
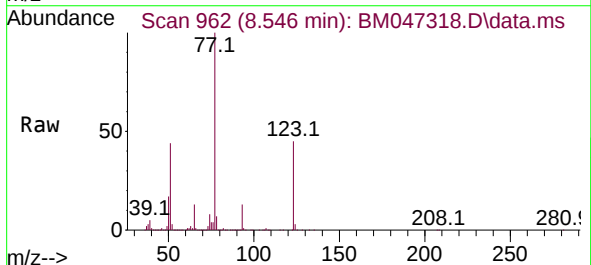
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

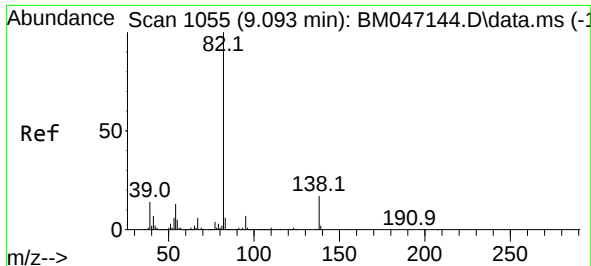
Tgt Ion: 82 Resp: 1169440
Ion Ratio Lower Upper
82 100
128 42.6 32.3 48.5
54 45.6 37.4 56.2



#24
Nitrobenzene
Concen: 42.415 ng
RT: 8.546 min Scan# 962
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion: 77 Resp: 870876
Ion Ratio Lower Upper
77 100
123 45.0 34.0 51.0
65 13.1 10.5 15.7





#25

Isophorone

Concen: 45.488 ng

RT: 9.069 min Scan# 1051

Delta R.T. -0.023 min

Lab File: BM047318.D

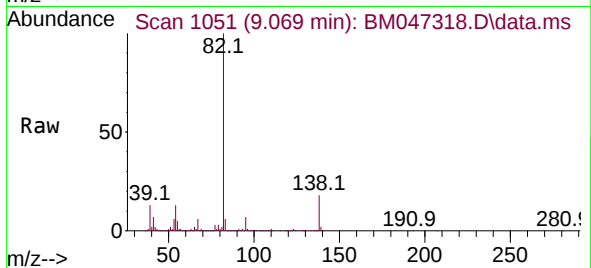
Acq: 22 Aug 2024 15:50

Instrument :

BNA_M

ClientSampleId :

S-928-K1-SO-0.5-1-081924MS



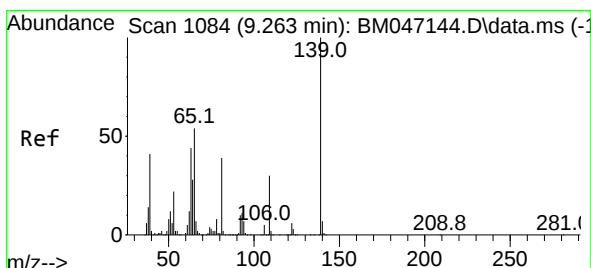
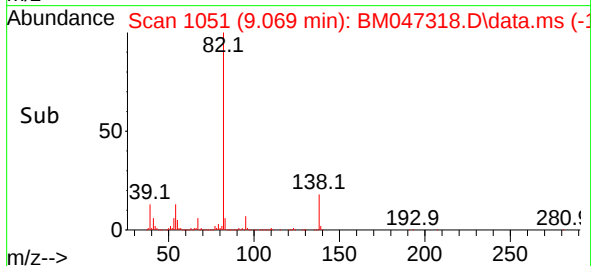
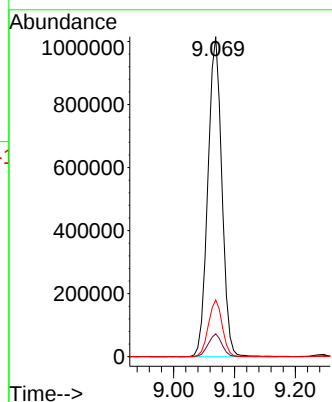
Tgt Ion: 82 Resp: 1614986

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 17.8 13.5 20.3



#26

2-Nitrophenol

Concen: 49.557 ng

RT: 9.240 min Scan# 1080

Delta R.T. -0.023 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

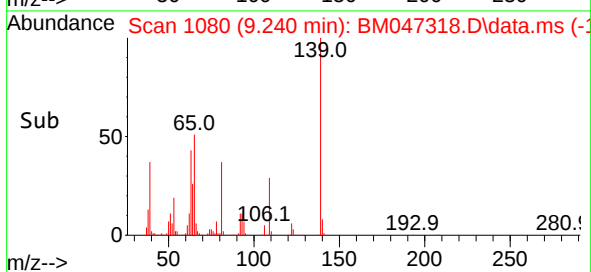
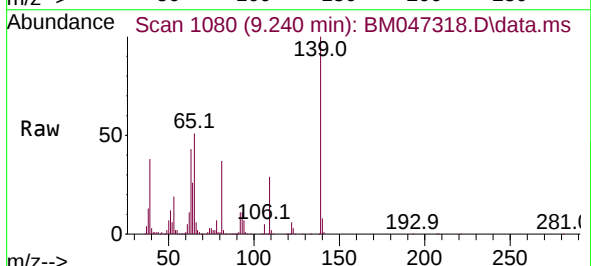
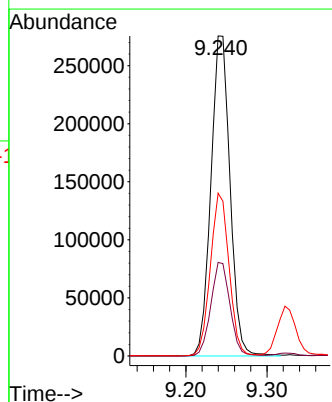
Tgt Ion:139 Resp: 450626

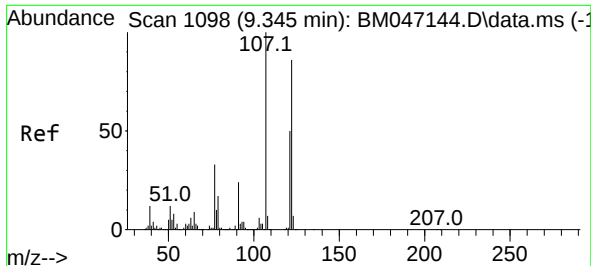
Ion Ratio Lower Upper

139 100

109 29.3 24.4 36.6

65 50.8 43.0 64.6

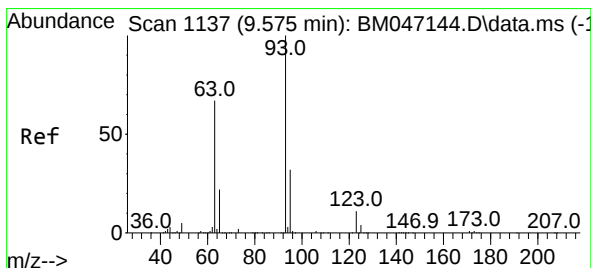
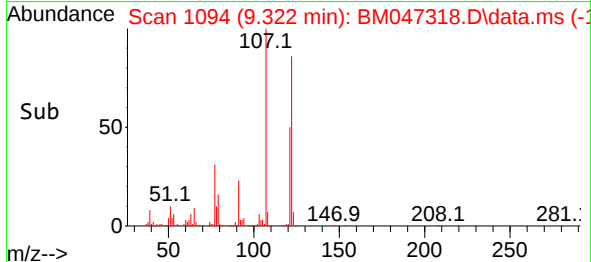
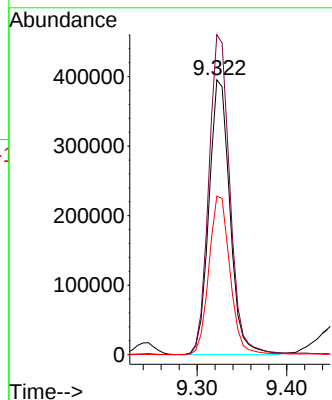
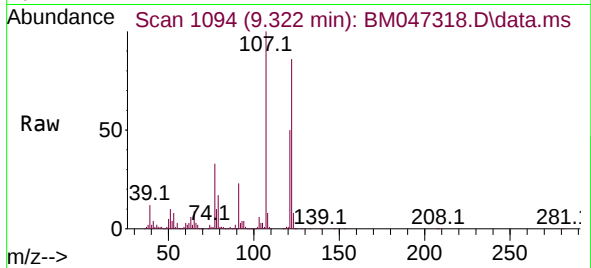




#27
2,4-Dimethylphenol
Concen: 60.257 ng
RT: 9.322 min Scan# 1094
Delta R.T. -0.023 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

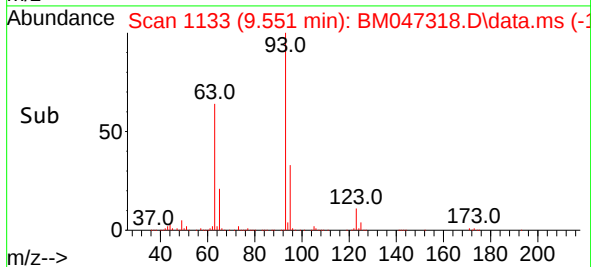
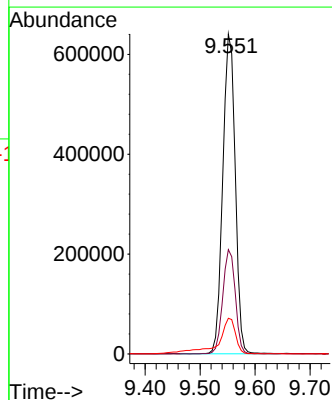
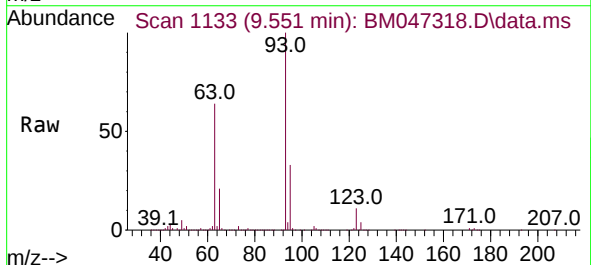
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

Tgt Ion:122 Resp: 641829
Ion Ratio Lower Upper
122 100
107 116.4 92.8 139.2
121 57.7 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 45.095 ng
RT: 9.551 min Scan# 1133
Delta R.T. -0.023 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion: 93 Resp: 1007422
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 11.2 9.0 13.4



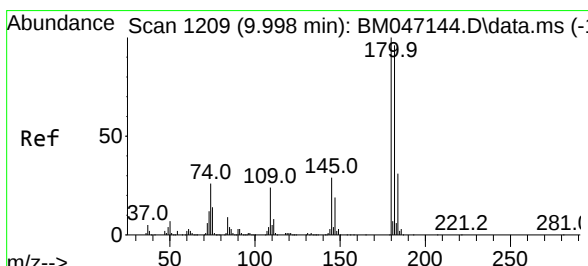
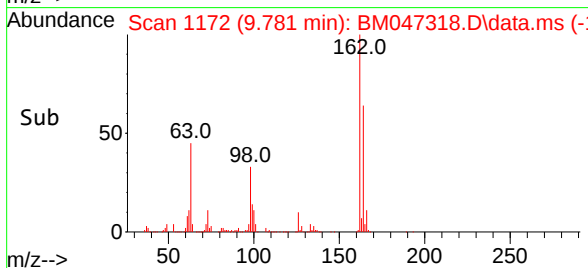
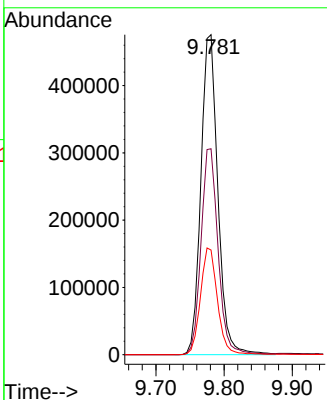
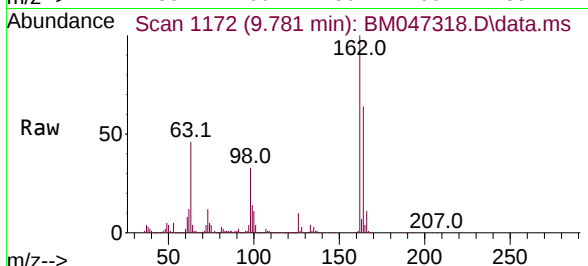


#29
 2,4-Dichlorophenol
 Concen: 52.216 ng
 RT: 9.781 min Scan# 1175
 Delta R.T. -0.018 min
 Lab File: BM047318.D
 Acq: 22 Aug 2024 15:50

Instrument :
 BNA_M
 ClientSampleId :
 S-928-K1-SO-0.5-1-081924MS

Tgt Ion:162 Resp: 825234

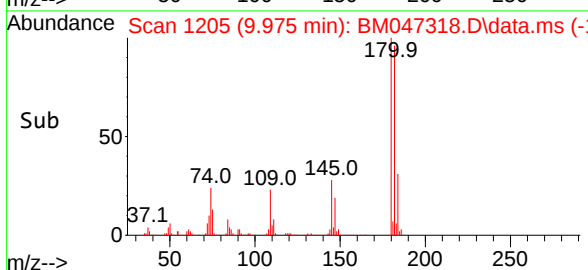
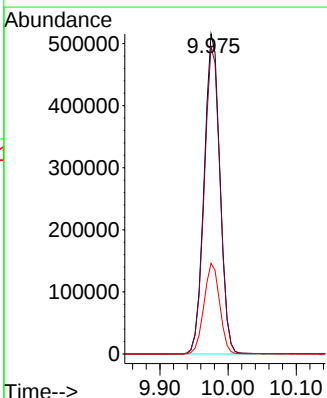
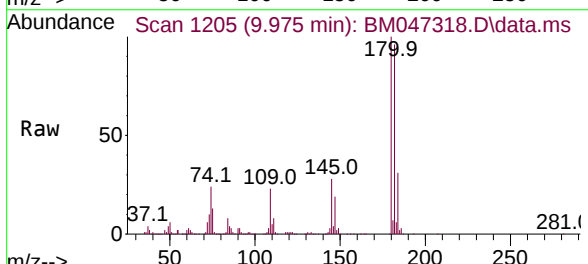
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.7	84.7
98	32.7	14.9	54.9

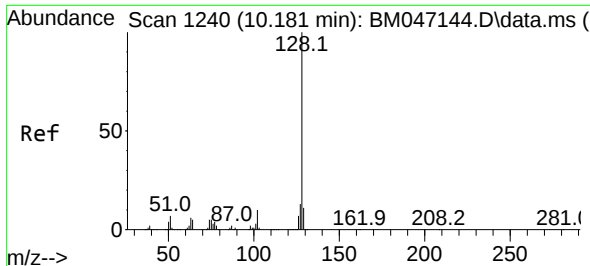


#30
 1,2,4-Trichlorobenzene
 Concen: 46.429 ng
 RT: 9.975 min Scan# 1205
 Delta R.T. -0.023 min
 Lab File: BM047318.D
 Acq: 22 Aug 2024 15:50

Tgt Ion:180 Resp: 830403

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.6	115.0
145	28.3	23.4	35.2

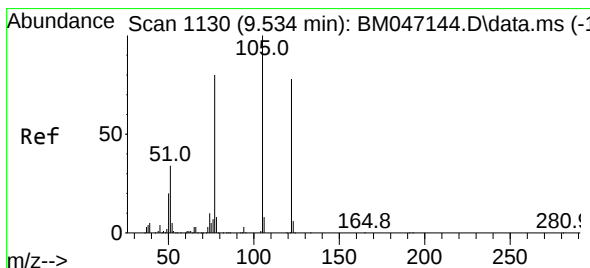
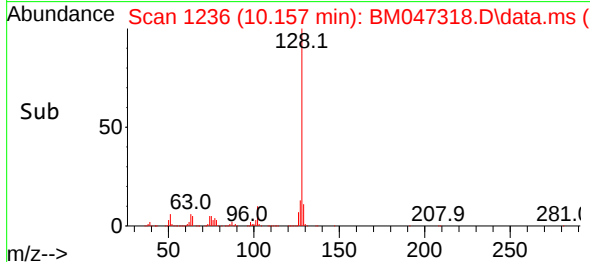
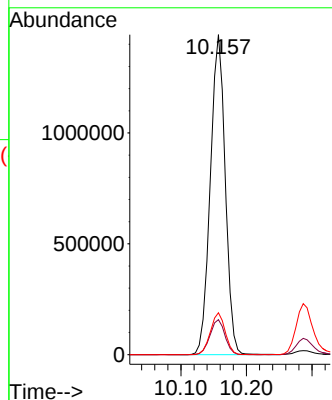
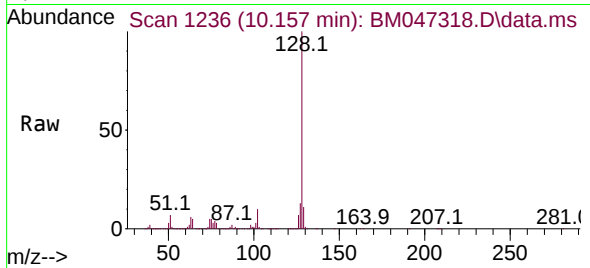




#31
Naphthalene
Concen: 44.623 ng
RT: 10.157 min Scan# 1128
Delta R.T. -0.023 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

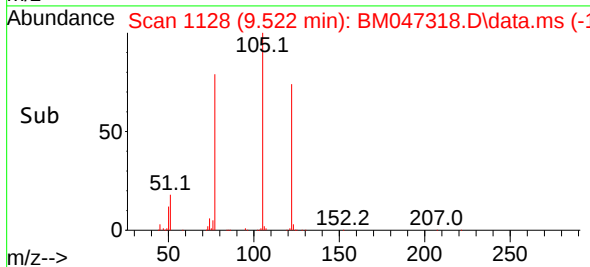
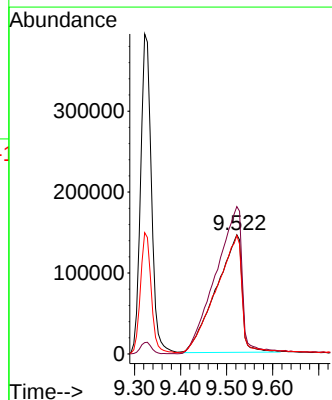
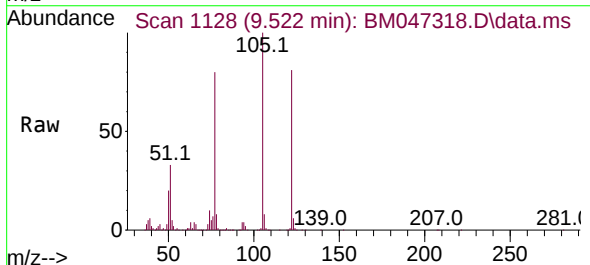
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

Tgt Ion:128 Resp: 2282387
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 45.894 ng
RT: 9.522 min Scan# 1128
Delta R.T. -0.012 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:122 Resp: 567943
Ion Ratio Lower Upper
122 100
105 123.7 107.1 147.1
77 99.3 82.1 122.1

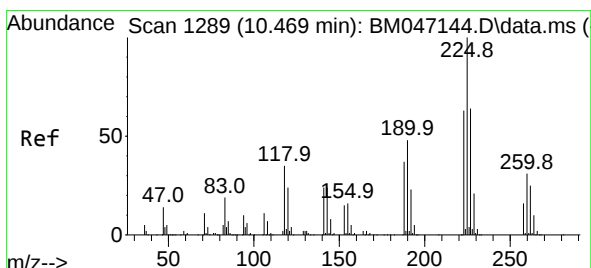
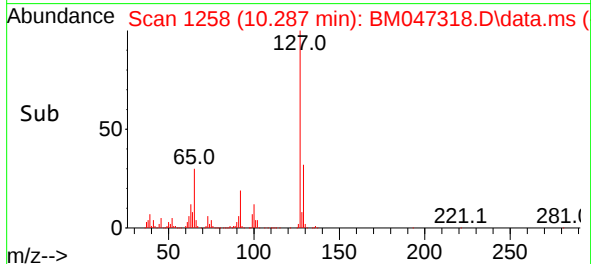
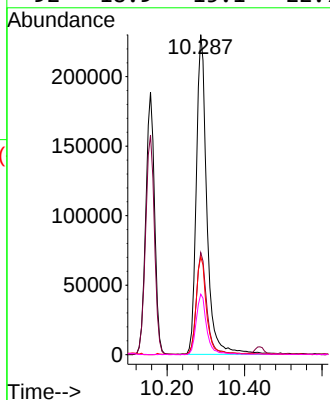
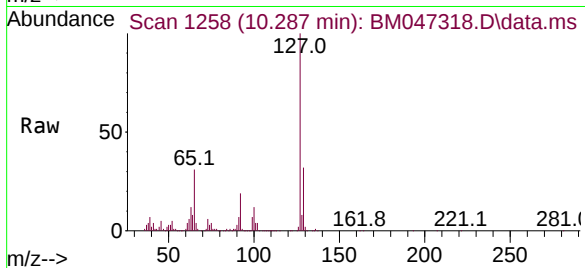




#33
4-Chloroaniline
Concen: 22.119 ng
RT: 10.287 min Scan# 1258
Delta R.T. -0.023 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

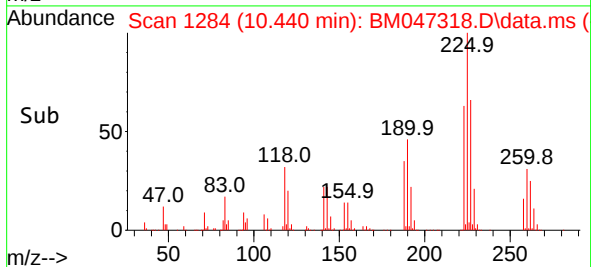
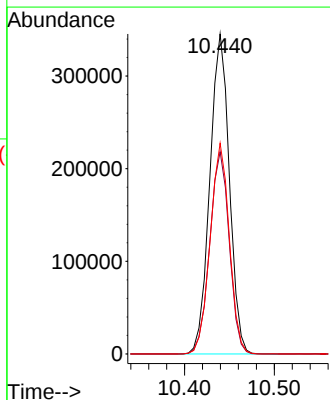
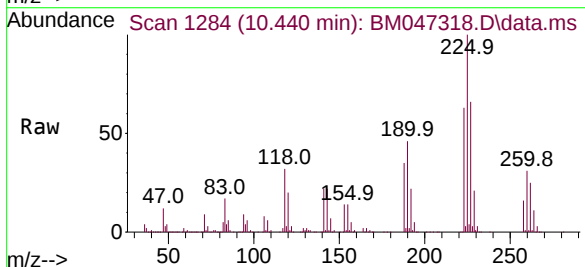
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

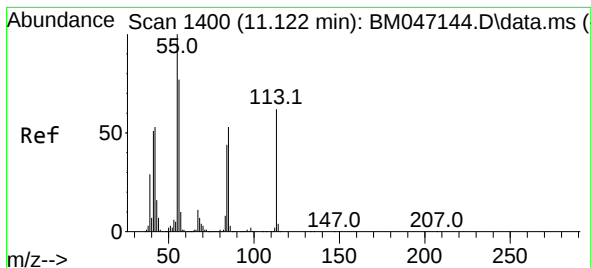
Tgt Ion:	127	Resp:	435065
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	30.5	24.9	37.3
92	18.9	15.1	22.7



#34
Hexachlorobutadiene
Concen: 49.729 ng
RT: 10.440 min Scan# 1284
Delta R.T. -0.029 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:	225	Resp:	520589
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.2
227	65.8	51.4	77.0

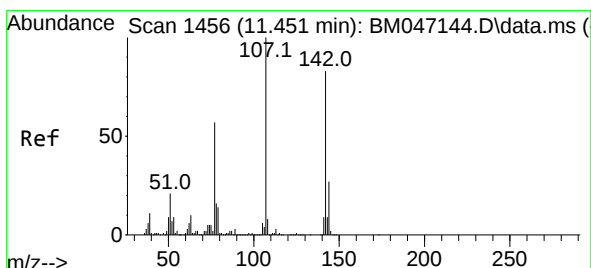
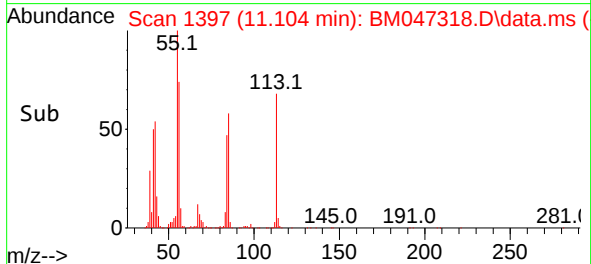
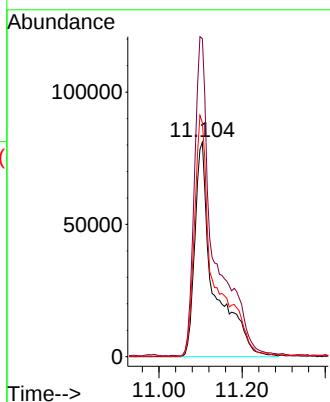
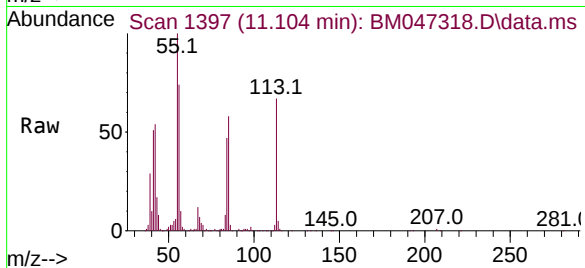




#35
Caprolactam
Concen: 47.156 ng
RT: 11.104 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

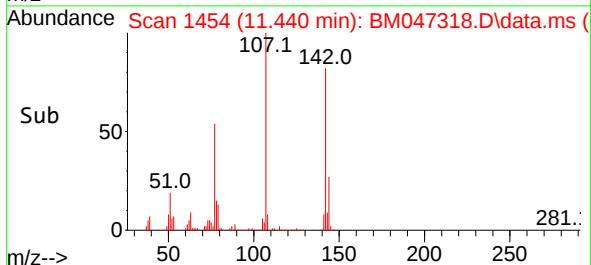
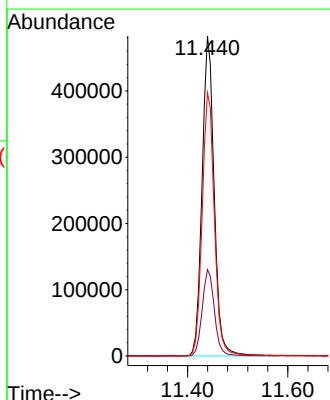
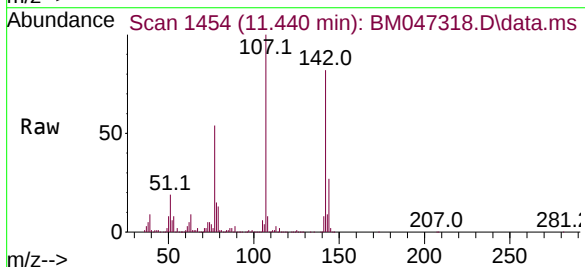
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

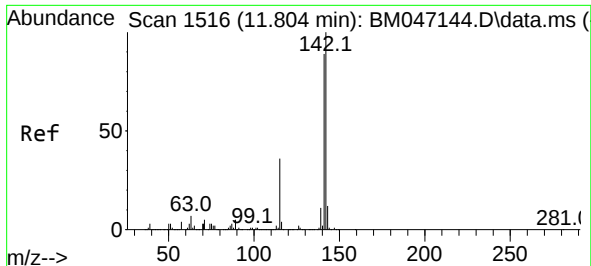
Tgt Ion:113 Resp: 258816
Ion Ratio Lower Upper
113 100
55 148.4 140.5 180.5
56 109.2 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 48.064 ng
RT: 11.440 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:107 Resp: 808997
Ion Ratio Lower Upper
107 100
144 27.0 21.8 32.6
142 82.2 66.8 100.2





#37

2-Methylnaphthalene

Concen: 46.136 ng

RT: 11.781 min Scan# 1

Delta R.T. -0.023 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

Instrument :

BNA_M

ClientSampleId :

S-928-K1-SO-0.5-1-081924MS

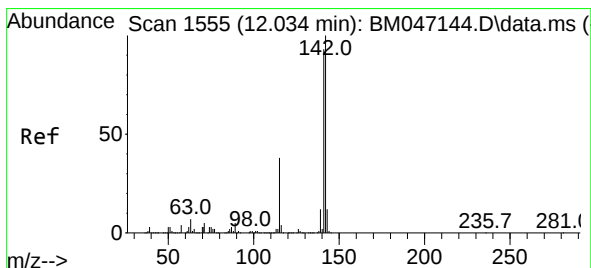
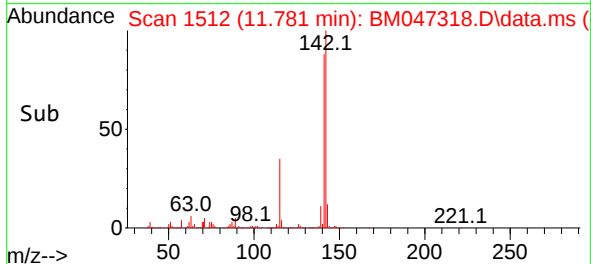
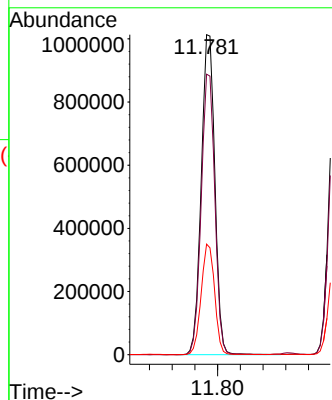
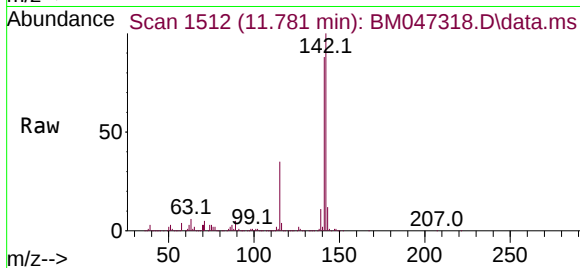
Tgt Ion:142 Resp: 1680180

Ion Ratio Lower Upper

142 100

141 87.6 70.9 106.3

115 34.6 28.7 43.1



#38

1-Methylnaphthalene

Concen: 43.762 ng

RT: 12.010 min Scan# 1551

Delta R.T. -0.023 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

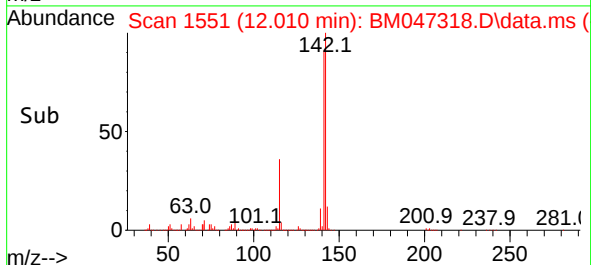
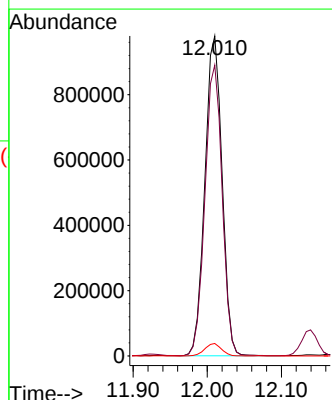
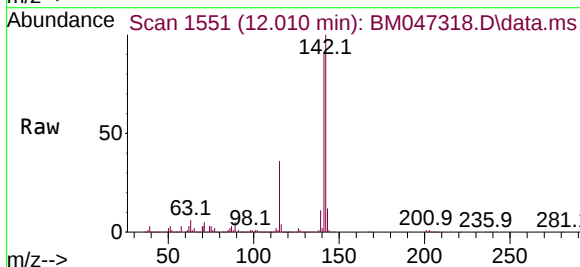
Tgt Ion:142 Resp: 1575086

Ion Ratio Lower Upper

142 100

141 90.9 74.6 111.8

116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.016 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM047318.D

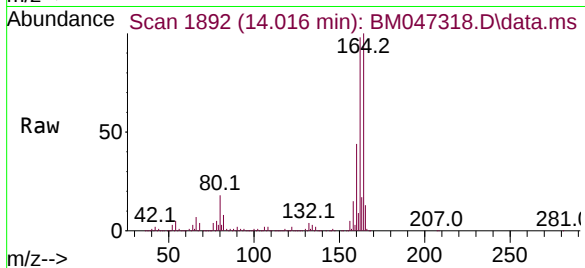
Acq: 22 Aug 2024 15:50

Instrument :

BNA_M

ClientSampleId :

S-928-K1-SO-0.5-1-081924MS



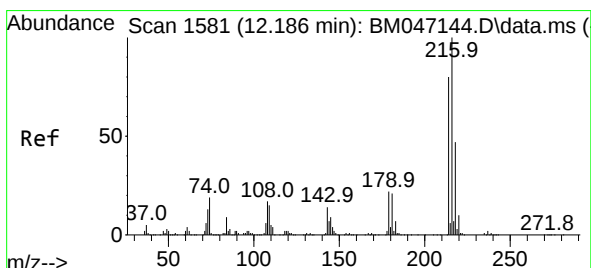
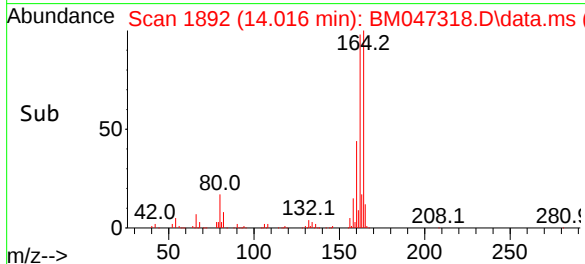
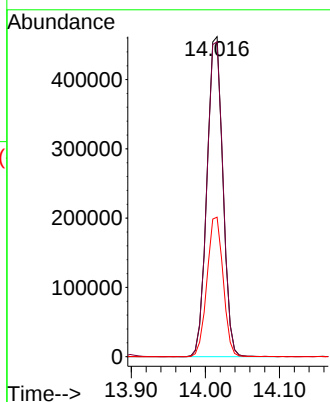
Tgt Ion:164 Resp: 688419

Ion Ratio Lower Upper

164 100

162 98.4 80.7 121.1

160 43.6 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.580 ng

RT: 12.169 min Scan# 1578

Delta R.T. -0.018 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

Tgt Ion:216 Resp: 930966

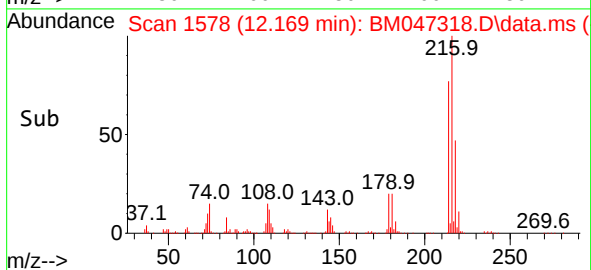
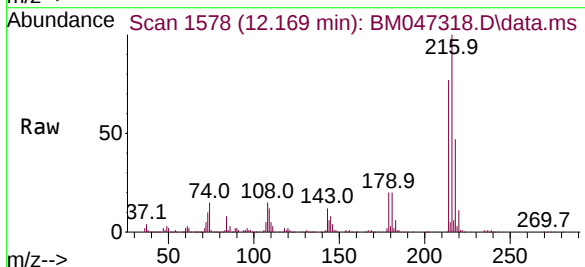
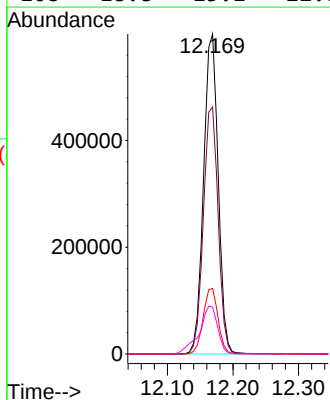
Ion Ratio Lower Upper

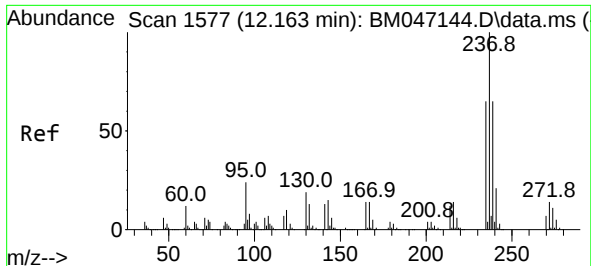
216 100

214 78.4 63.4 95.2

179 20.8 17.6 26.4

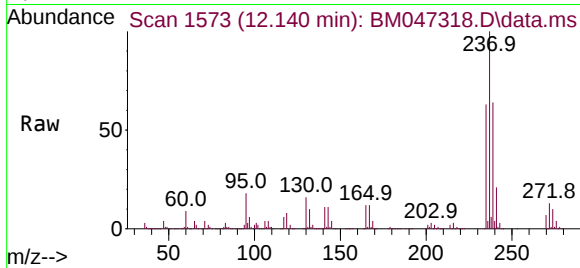
108 18.8 15.1 22.7



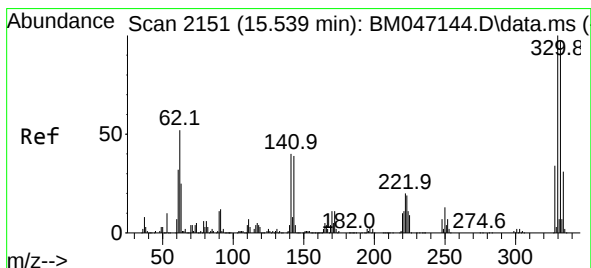
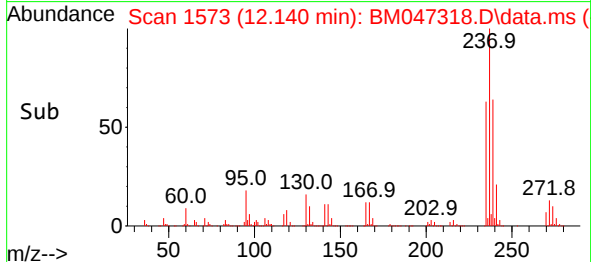
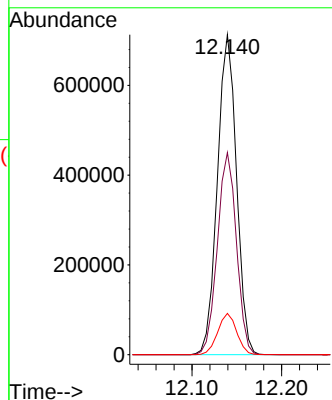


#41
Hexachlorocyclopentadiene
Concen: 160.912 ng
RT: 12.140 min Scan# 11
Delta R.T. -0.023 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

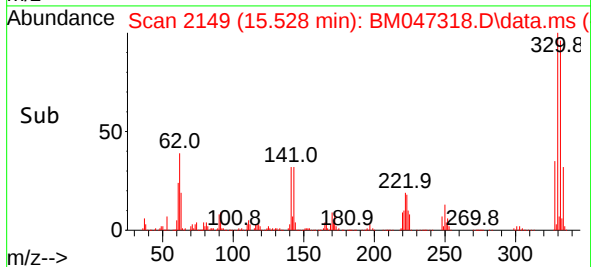
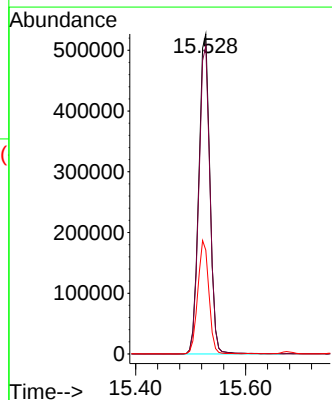
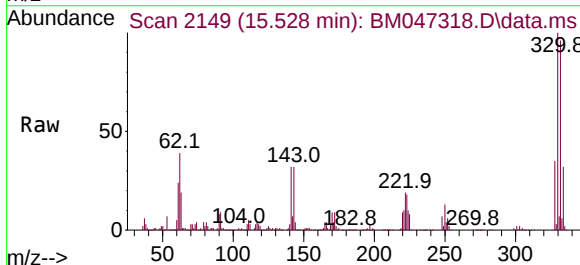


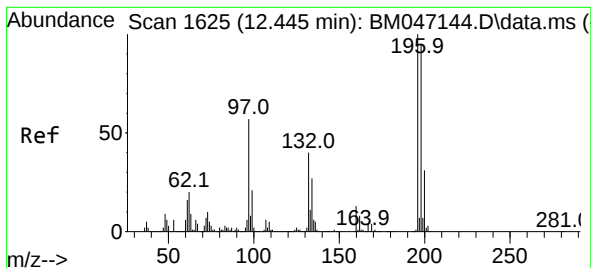
Tgt Ion:237 Resp: 1055048
Ion Ratio Lower Upper
237 100
235 63.2 44.8 84.8
272 12.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 92.649 ng
RT: 15.528 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:330 Resp: 739558
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.2
141 35.3 31.6 47.4

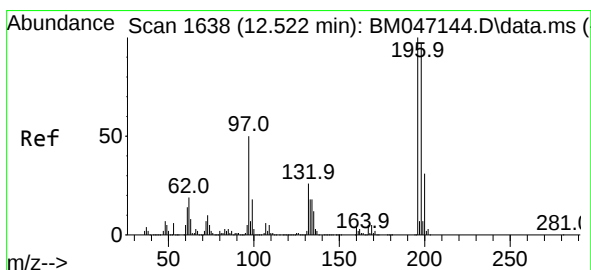
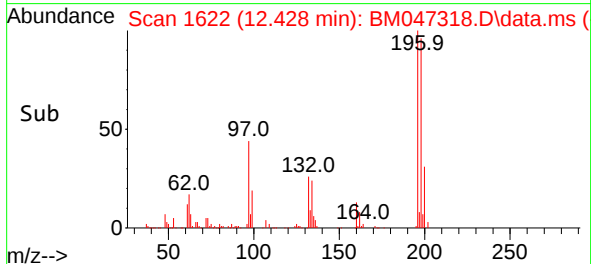
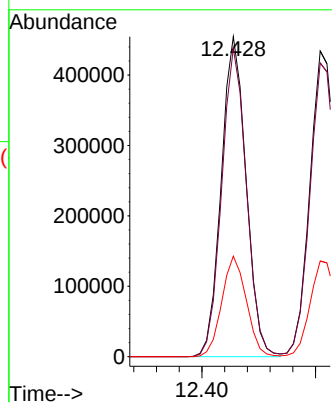
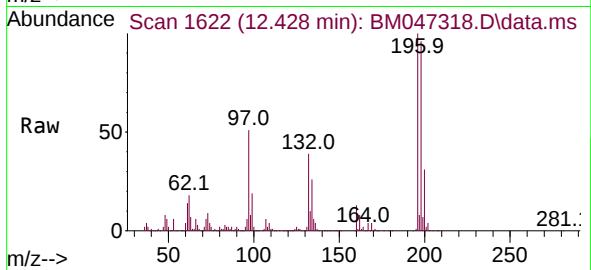




#43
2,4,6-Trichlorophenol
Concen: 51.825 ng
RT: 12.428 min Scan# 1622
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

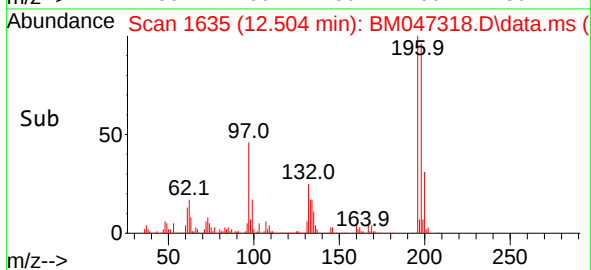
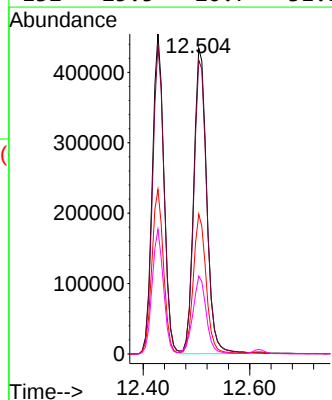
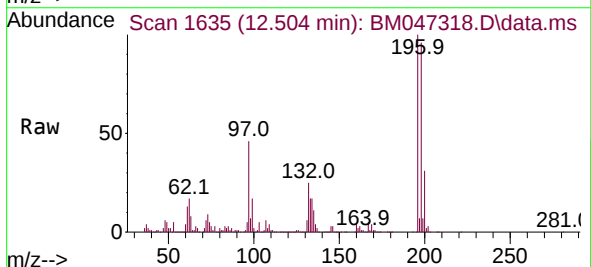
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

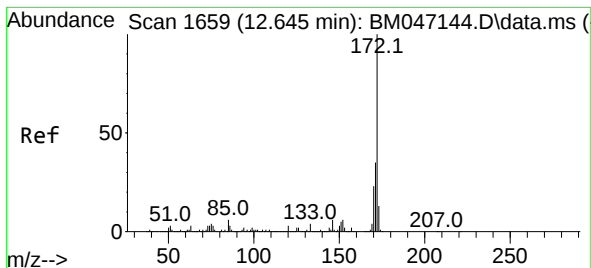
Tgt Ion:196 Resp: 691662
Ion Ratio Lower Upper
196 100
198 96.4 75.6 113.4
200 31.4 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 49.804 ng
RT: 12.504 min Scan# 1635
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:196 Resp: 738009
Ion Ratio Lower Upper
196 100
198 96.1 77.7 116.5
97 45.7 39.8 59.8
132 25.5 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 50.644 ng

RT: 12.622 min Scan# 1655

Delta R.T. -0.023 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

Instrument :

BNA_M

ClientSampleId :

S-928-K1-SO-0.5-1-081924MS

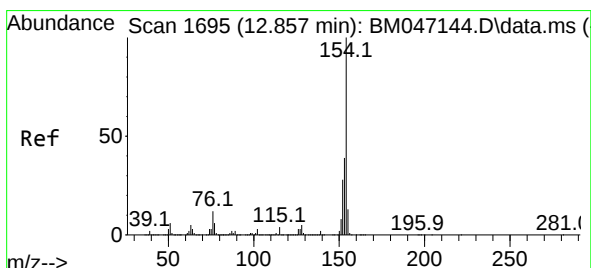
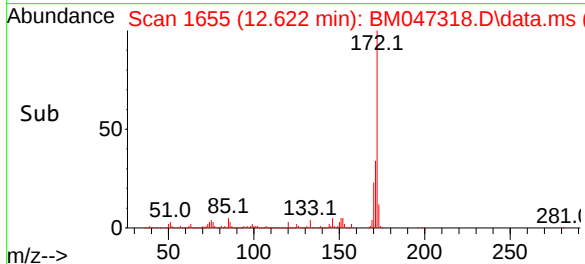
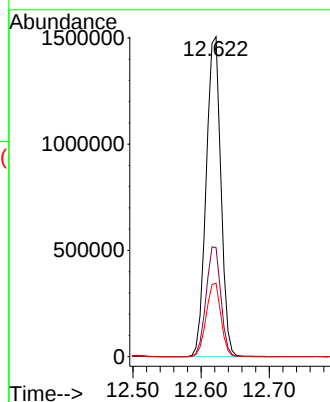
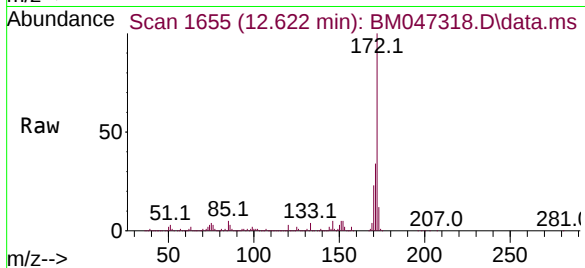
Tgt Ion:172 Resp: 2260203

Ion Ratio Lower Upper

172 100

171 34.1 27.8 41.6

170 22.9 18.7 28.1



#46

1,1'-Biphenyl

Concen: 44.740 ng

RT: 12.834 min Scan# 1691

Delta R.T. -0.023 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

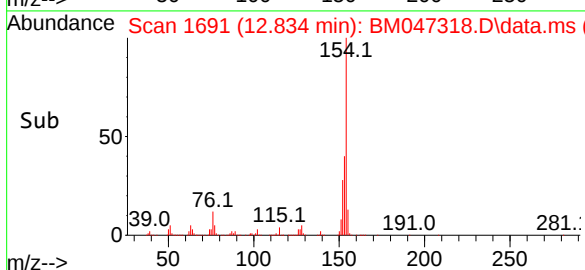
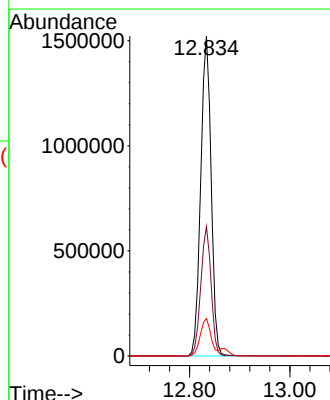
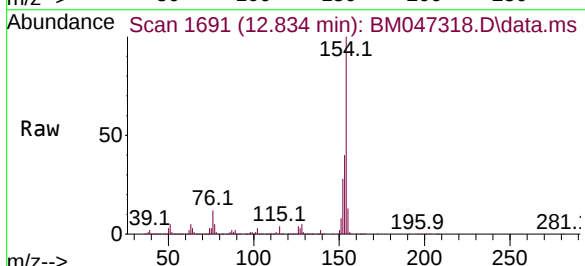
Tgt Ion:154 Resp: 2192671

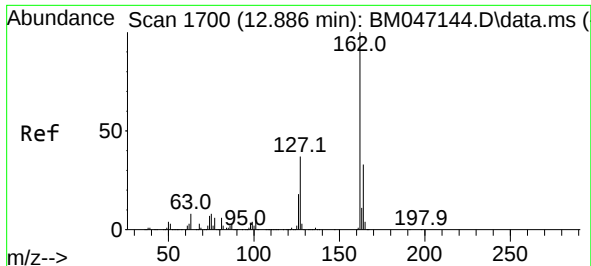
Ion Ratio Lower Upper

154 100

153 40.4 19.0 59.0

76 11.7 0.0 31.9

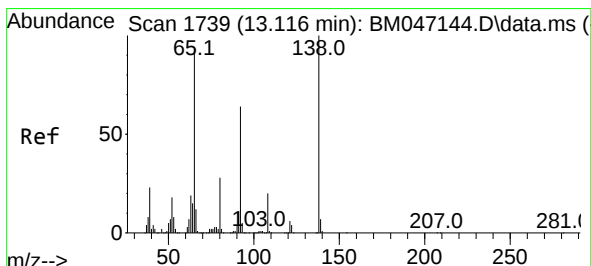
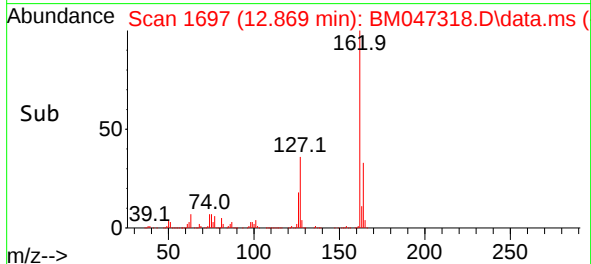
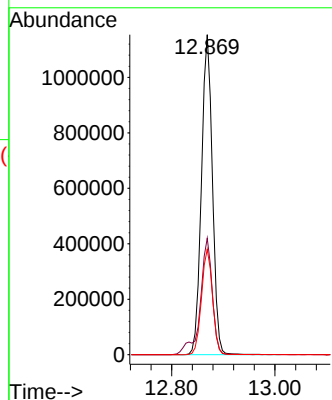
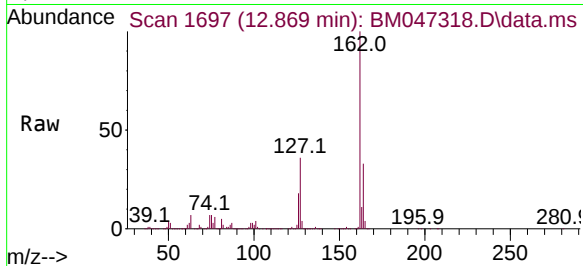




#47
2-Chloronaphthalene
Concen: 44.395 ng
RT: 12.869 min Scan# 1700
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

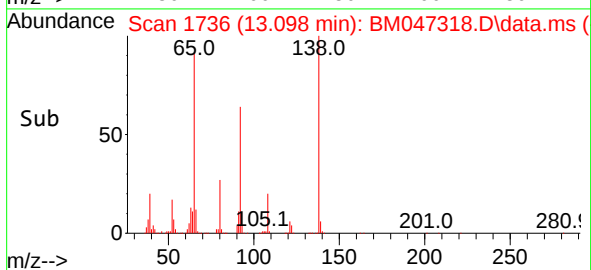
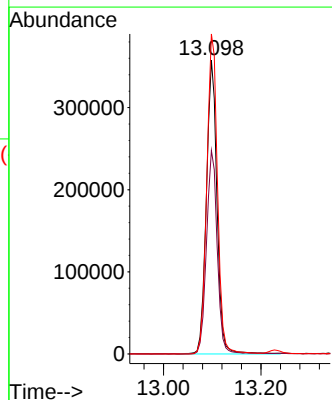
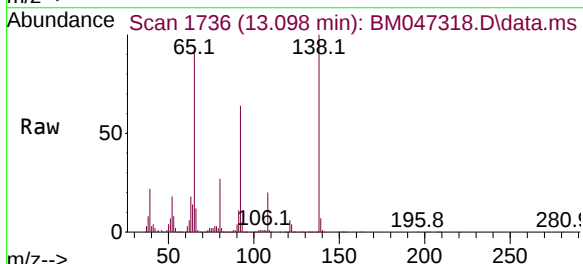
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

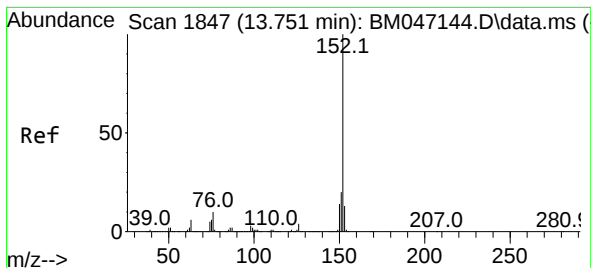
Tgt Ion:162 Resp: 1700598
Ion Ratio Lower Upper
162 100
127 36.4 30.0 45.0
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 45.186 ng
RT: 13.098 min Scan# 1736
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion: 65 Resp: 542259
Ion Ratio Lower Upper
65 100
92 69.3 55.1 82.7
138 108.9 85.9 128.9





#49

Acenaphthylene

Concen: 48.647 ng

RT: 13.728 min Scan# 1843

Delta R.T. -0.023 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

Instrument :

BNA_M

ClientSampleId :

S-928-K1-SO-0.5-1-081924MS

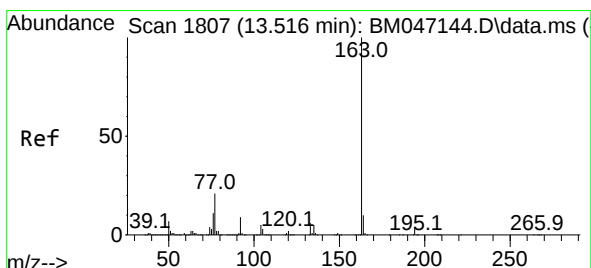
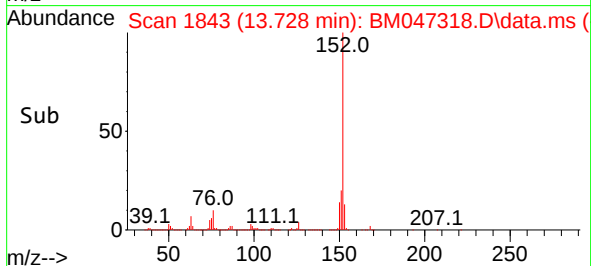
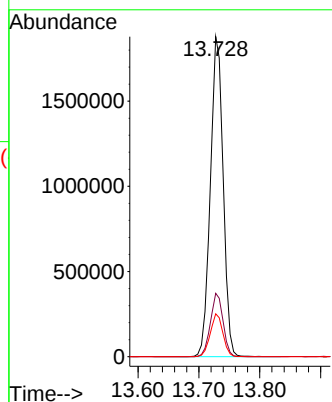
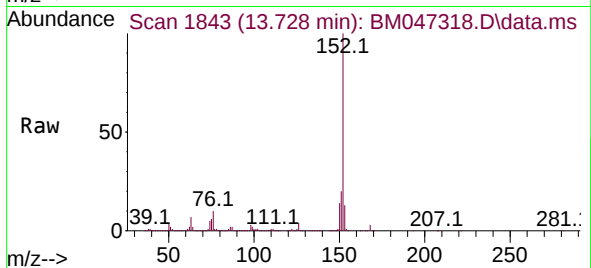
Tgt Ion:152 Resp: 2746810

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 47.112 ng

RT: 13.498 min Scan# 1804

Delta R.T. -0.018 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

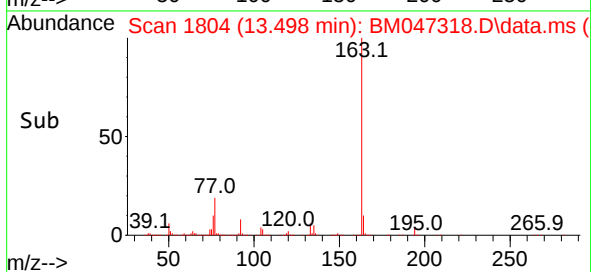
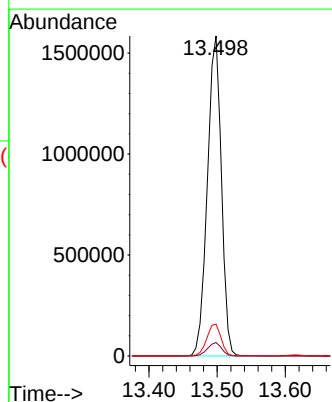
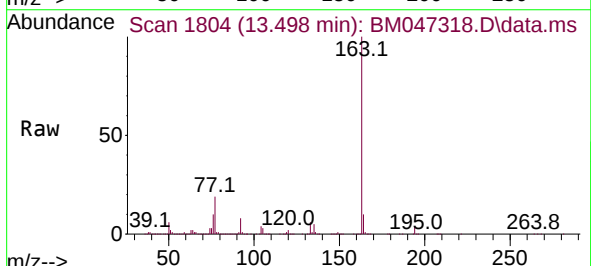
Tgt Ion:163 Resp: 2265127

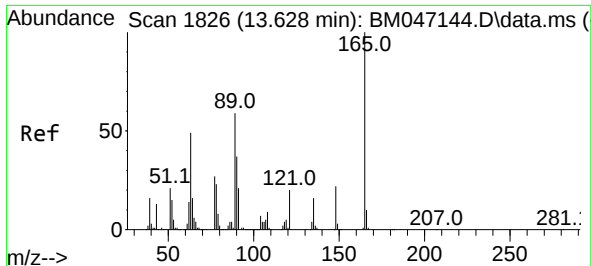
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

164 10.0 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 45.577 ng

RT: 13.616 min Scan# 1824

Delta R.T. -0.012 min

Lab File: BM047318.D

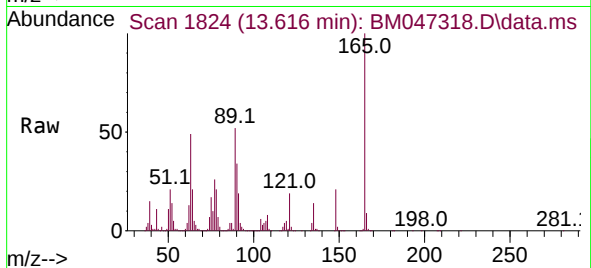
Acq: 22 Aug 2024 15:50

Instrument :

BNA_M

ClientSampleId :

S-928-K1-SO-0.5-1-081924MS



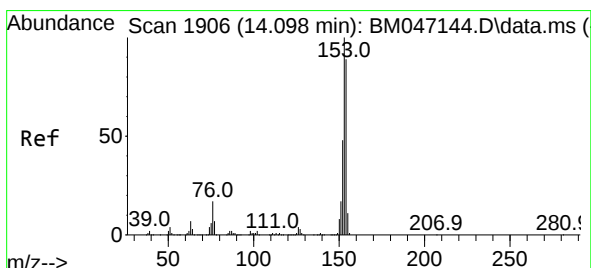
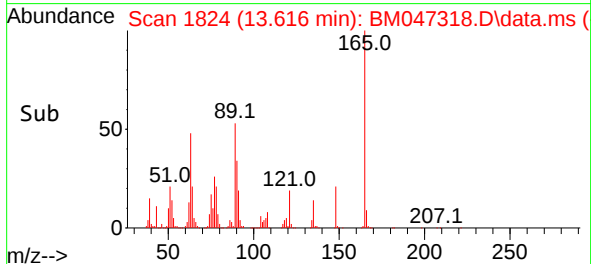
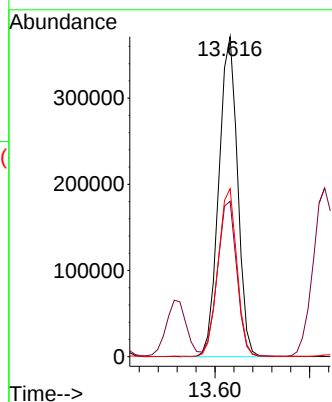
Tgt Ion:165 Resp: 512257

Ion Ratio Lower Upper

165 100

63 48.5 46.5 69.7

89 52.5 47.3 70.9



#52

Acenaphthene

Concen: 46.230 ng

RT: 14.081 min Scan# 1903

Delta R.T. -0.018 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

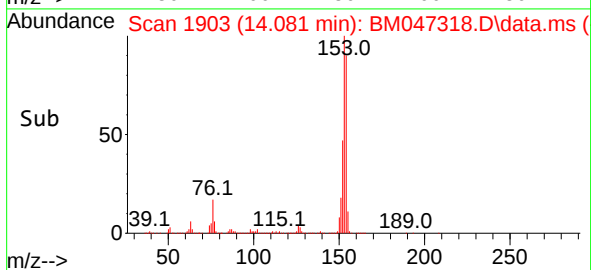
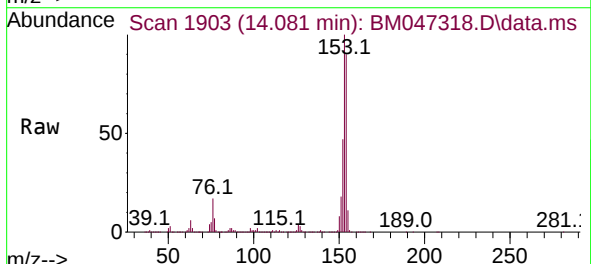
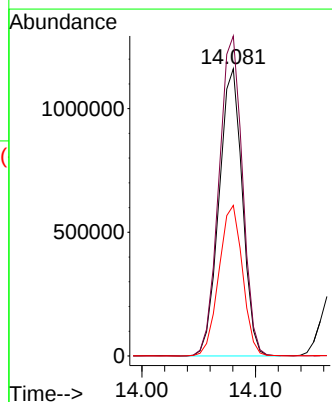
Tgt Ion:154 Resp: 1655829

Ion Ratio Lower Upper

154 100

153 111.4 90.3 135.5

152 52.4 42.9 64.3

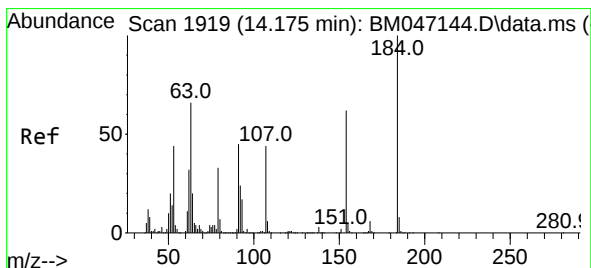
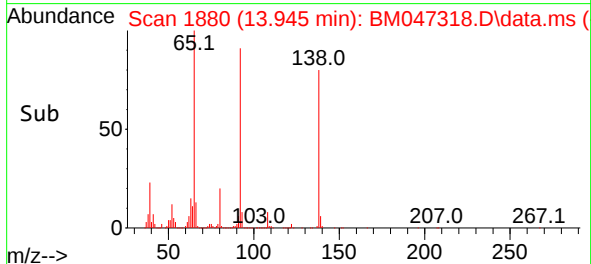
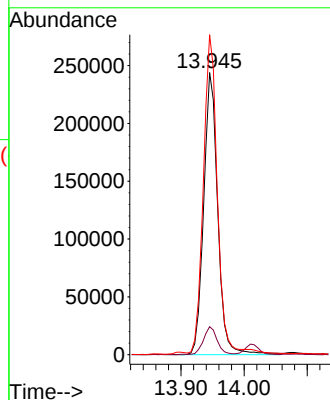
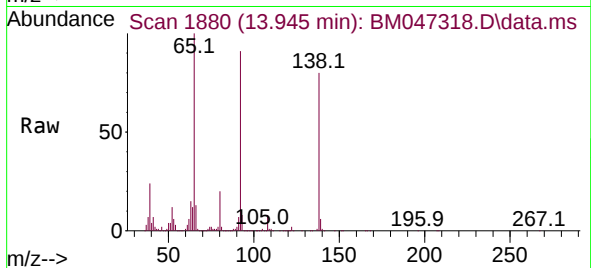




#53
3-Nitroaniline
Concen: 33.576 ng
RT: 13.945 min Scan# 1880
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

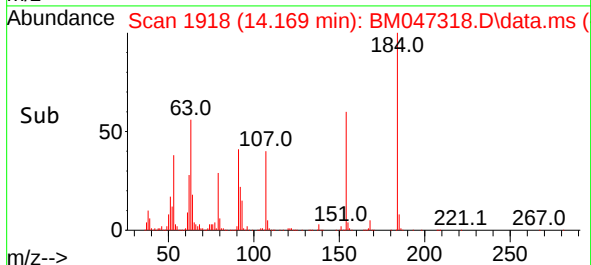
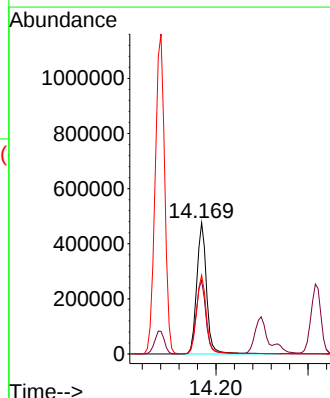
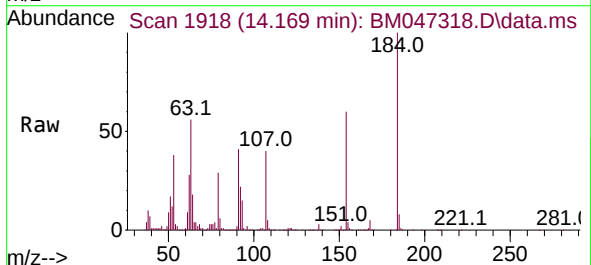
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

Tgt Ion:138 Resp: 378147
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 113.5 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 104.617 ng
RT: 14.169 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:184 Resp: 704727
Ion Ratio Lower Upper
184 100
63 56.2 52.7 79.1
154 60.2 50.4 75.6

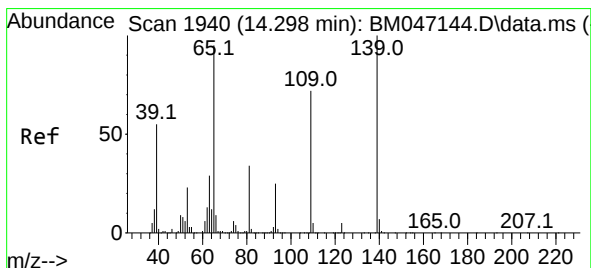
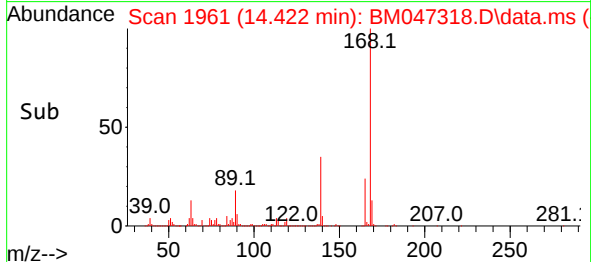
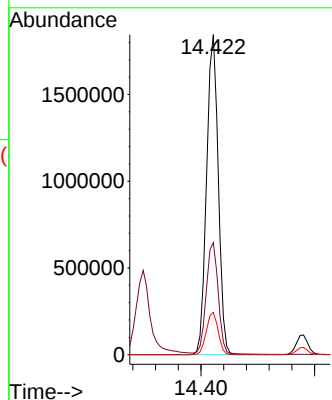
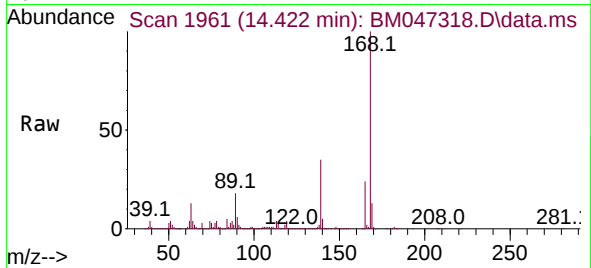




#55
Dibenzenofuran
Concen: 46.357 ng
RT: 14.422 min Scan# 1961
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

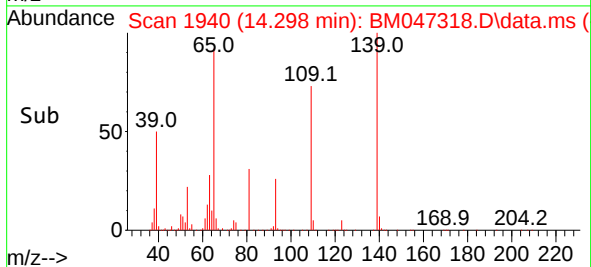
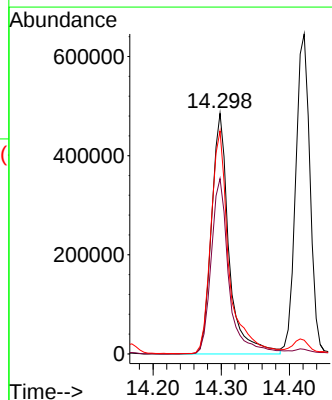
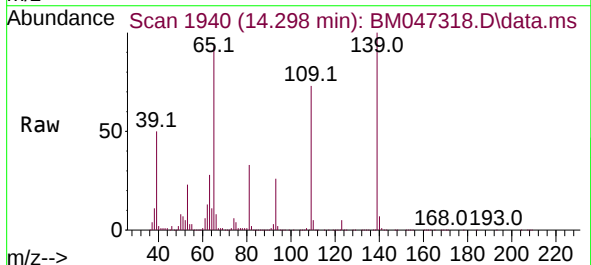
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

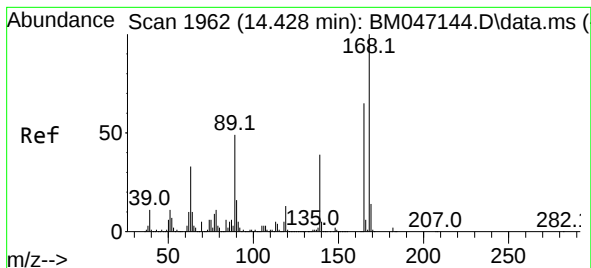
Tgt Ion:168 Resp: 2622668
Ion Ratio Lower Upper
168 100
139 35.0 29.6 44.4
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 89.173 ng
RT: 14.298 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:139 Resp: 865999
Ion Ratio Lower Upper
139 100
109 72.9 52.5 92.5
65 92.7 75.4 115.4

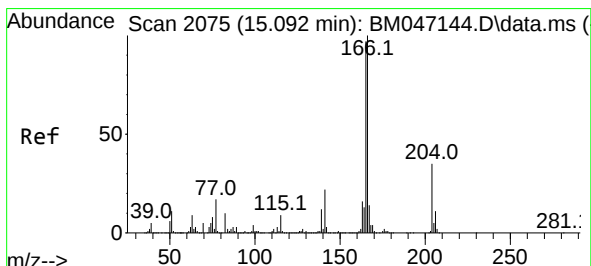
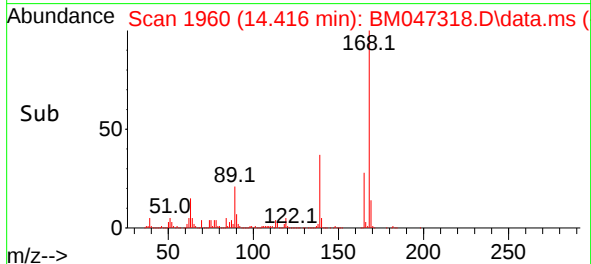
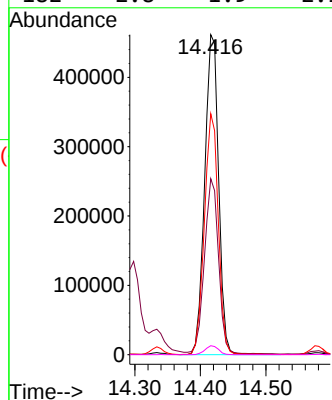
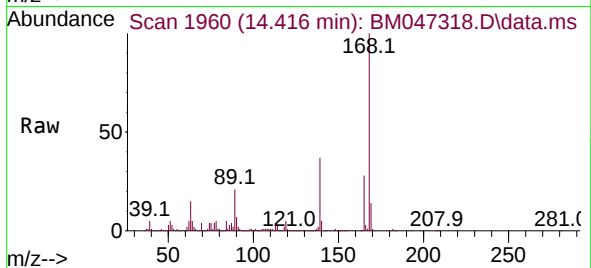




#57
2,4-Dinitrotoluene
Concen: 45.567 ng
RT: 14.416 min Scan# 1962
Delta R.T. -0.012 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

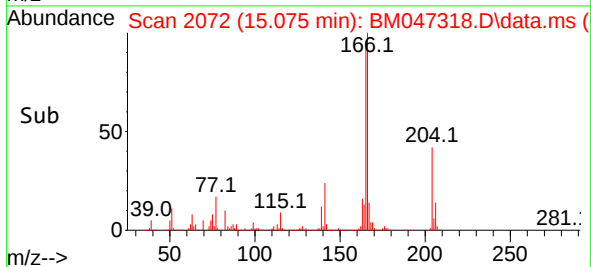
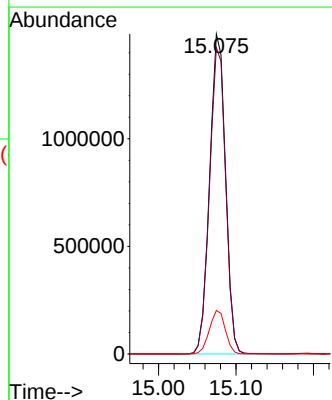
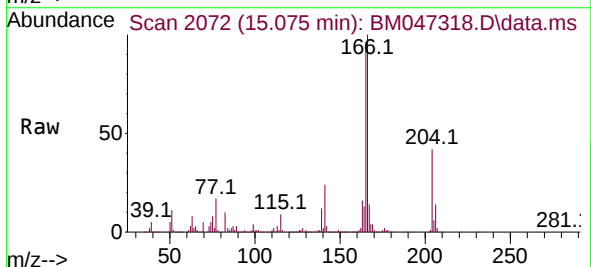
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

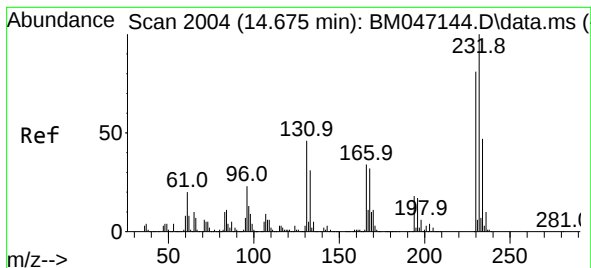
Tgt Ion:	165	Resp:	683585
Ion	Ratio	Lower	Upper
165	100		
63	55.0	40.3	60.5
89	75.3	61.0	91.6
182	2.8	1.9	2.9



#58
Fluorene
Concen: 45.460 ng
RT: 15.075 min Scan# 2072
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:	166	Resp:	2122093
Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.4	116.0
167	13.6	11.0	16.6

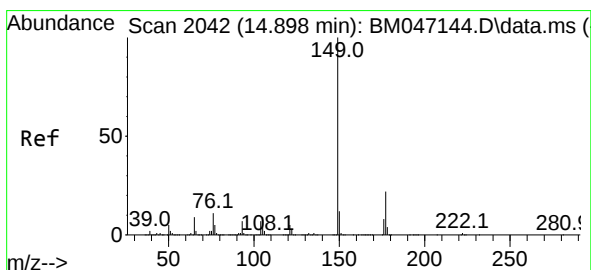
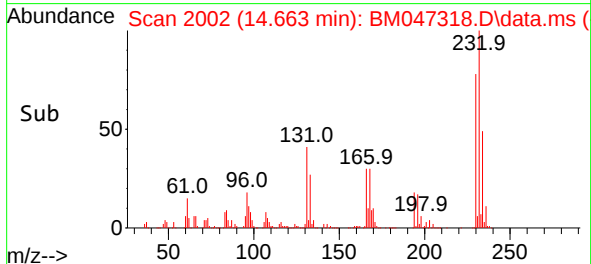
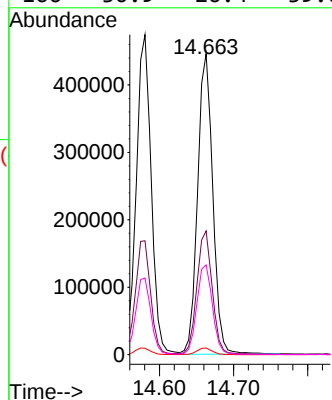
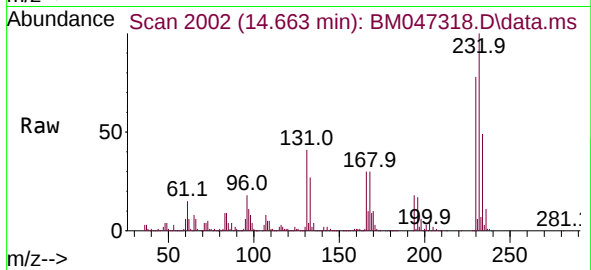




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.037 ng
RT: 14.663 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

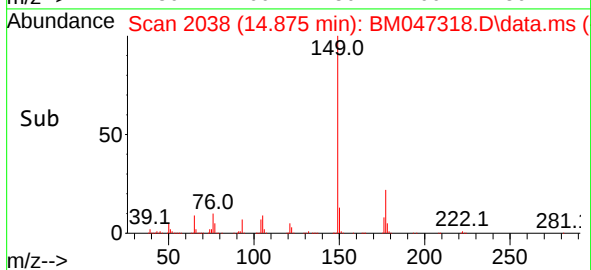
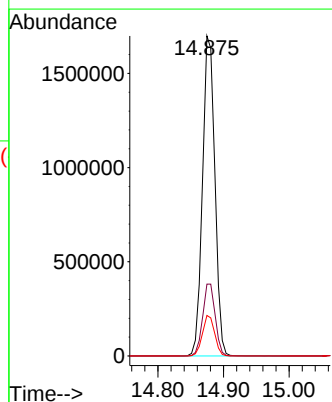
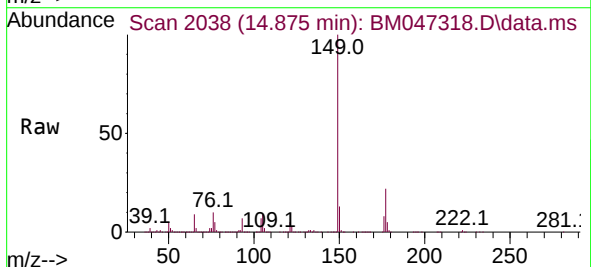
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

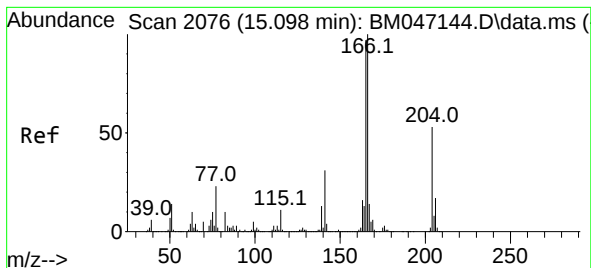
Tgt Ion:232 Resp: 633732
Ion Ratio Lower Upper
232 100
131 41.9 36.9 55.3
130 2.3 2.0 3.0
166 30.9 26.4 39.6



#60
Diethylphthalate
Concen: 45.597 ng
RT: 14.875 min Scan# 2038
Delta R.T. -0.023 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:149 Resp: 2238721
Ion Ratio Lower Upper
149 100
177 22.5 17.6 26.4
150 12.7 9.8 14.6

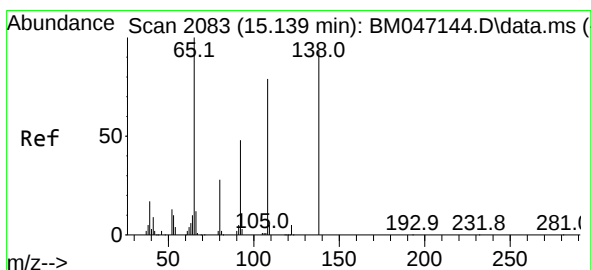
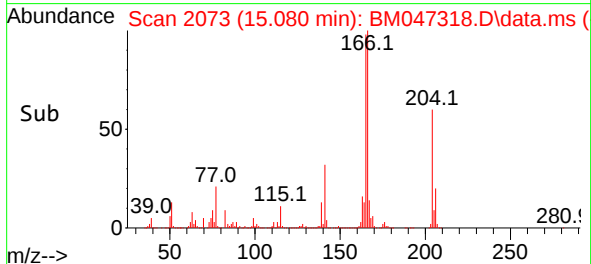
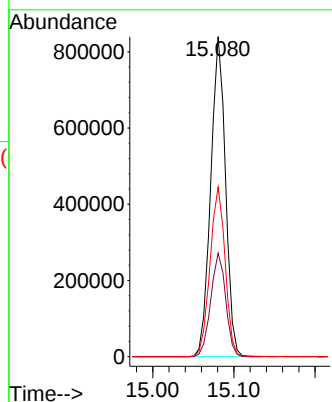
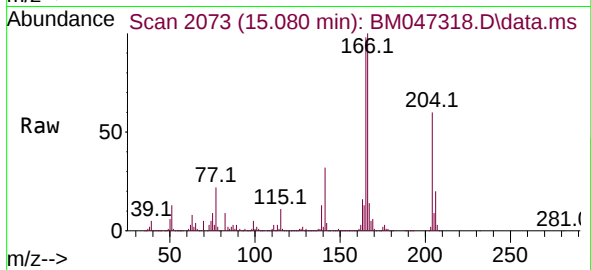




#61
4-Chlorophenyl-phenylether
Concen: 47.672 ng
RT: 15.080 min Scan# 2076
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

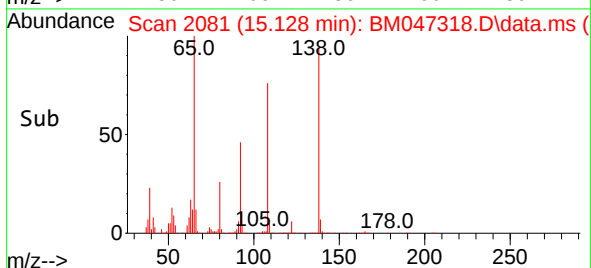
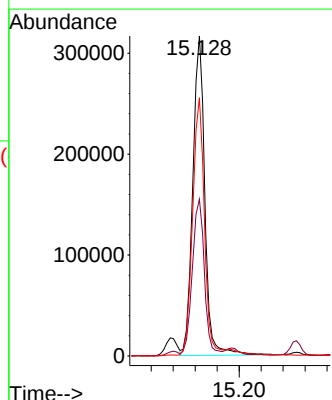
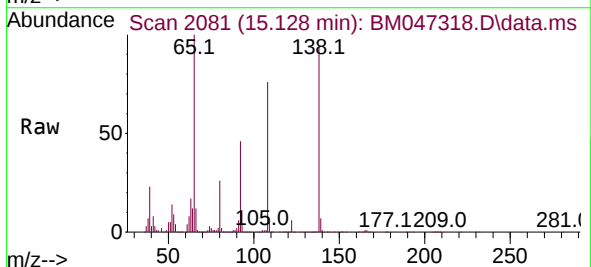
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

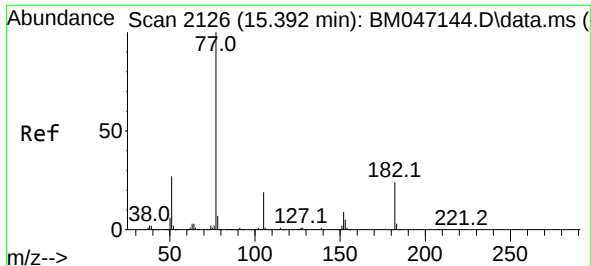
Tgt Ion:204 Resp: 1059439
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.4
141 53.1 47.2 70.8



#62
4-Nitroaniline
Concen: 43.305 ng
RT: 15.128 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:138 Resp: 480474
Ion Ratio Lower Upper
138 100
92 49.0 31.9 71.9
108 80.7 63.8 103.8



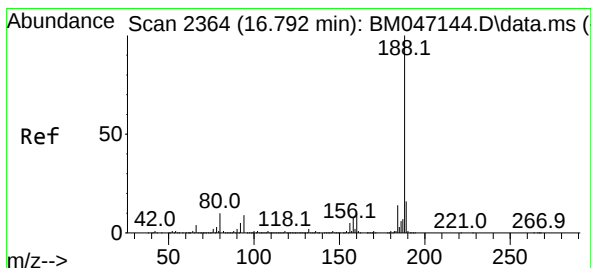
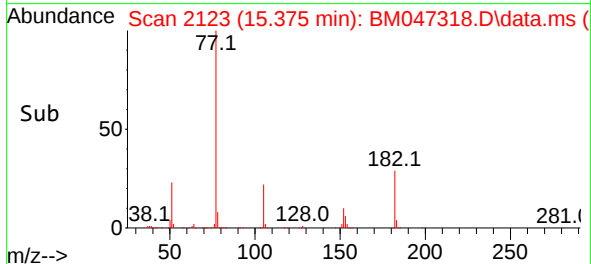
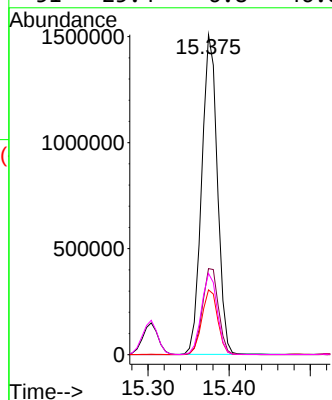
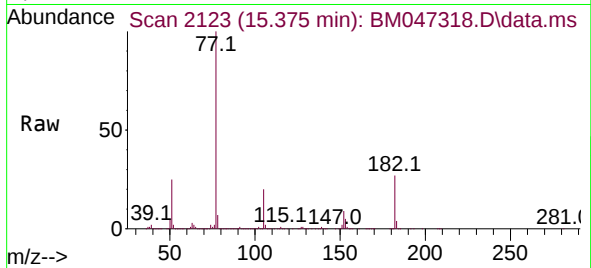


#63
Azobenzene
Concen: 43.379 ng
RT: 15.375 min Scan# 2126
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

Tgt Ion: 77 Resp: 2019405

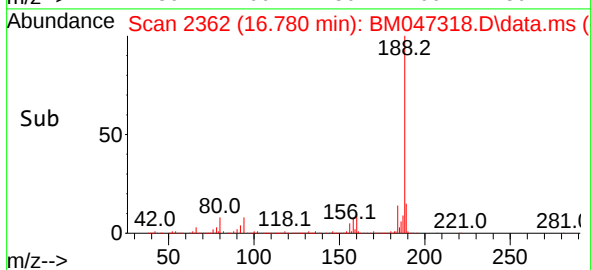
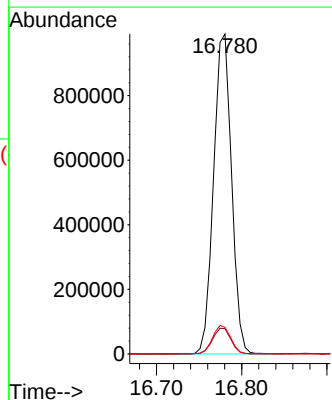
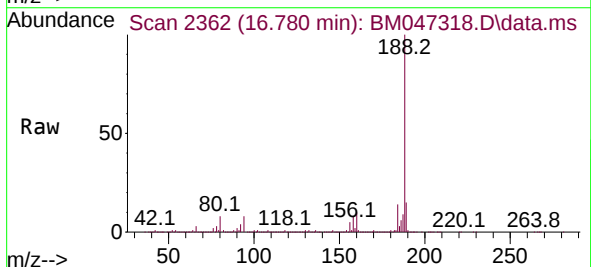
Ion	Ratio	Lower	Upper
77	100		
182	26.9	3.8	43.8
105	20.3	0.0	39.5
51	25.4	6.8	46.8

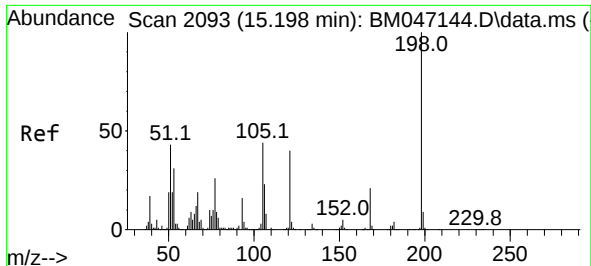


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2362
Delta R.T. -0.012 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion: 188 Resp: 1449373

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.0	10.6
80	8.3	8.0	12.0

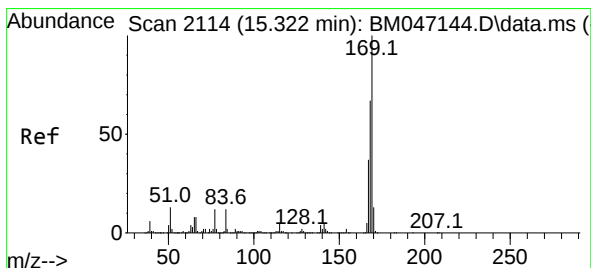
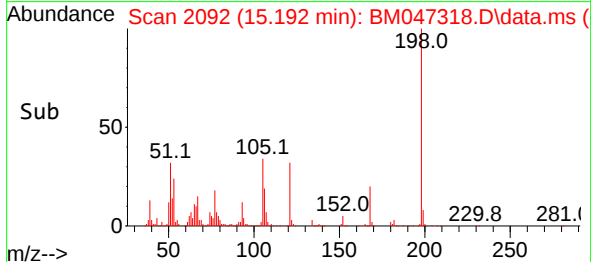
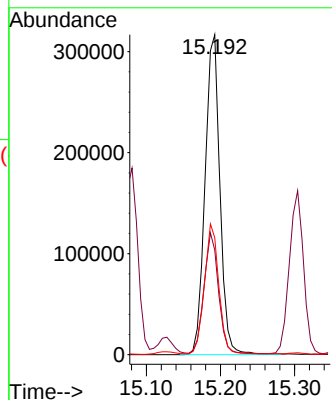
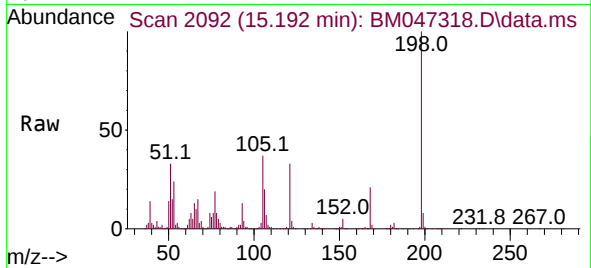




#65
4,6-Dinitro-2-methylphenol
Concen: 52.141 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

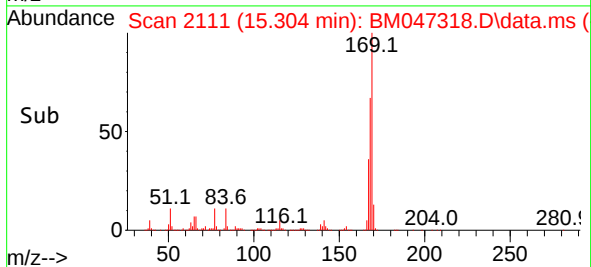
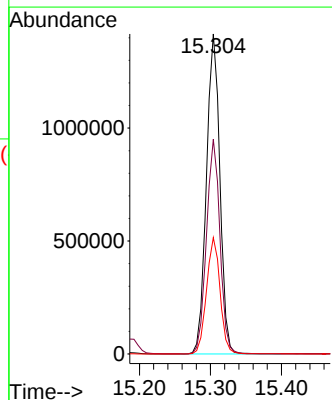
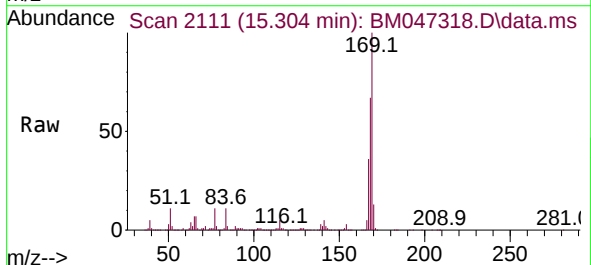
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

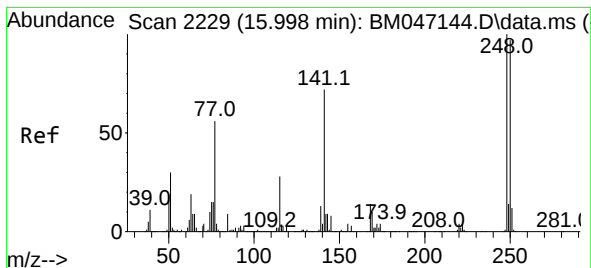
Tgt Ion:198 Resp: 442460
Ion Ratio Lower Upper
198 100
51 32.7 23.9 63.9
105 36.6 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 47.407 ng
RT: 15.304 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:169 Resp: 1871520
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.8
167 36.3 29.3 43.9

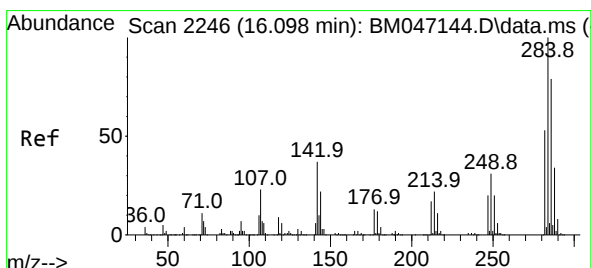
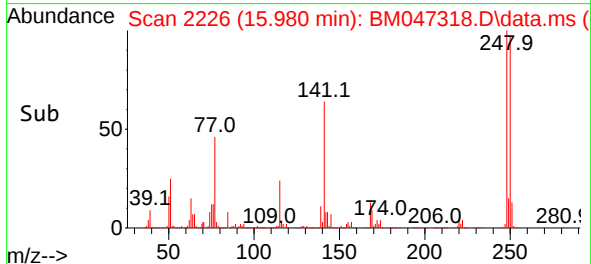
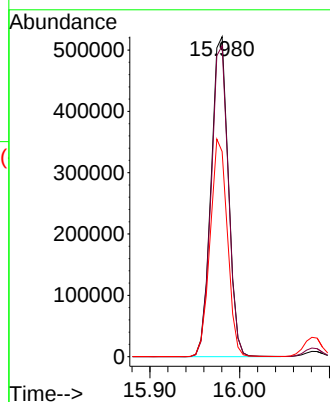
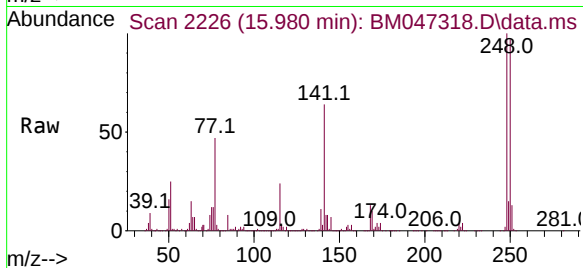




#67
4-Bromophenyl-phenylether
Concen: 49.946 ng
RT: 15.980 min Scan# 211
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

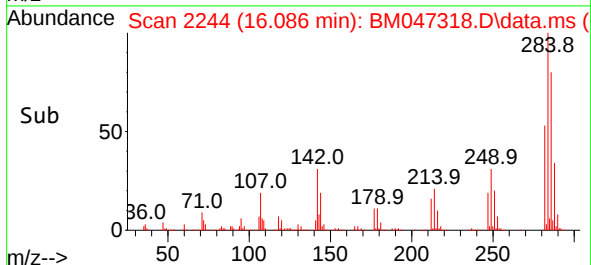
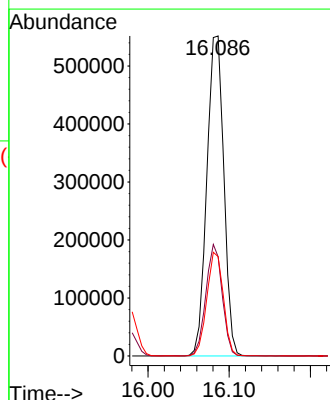
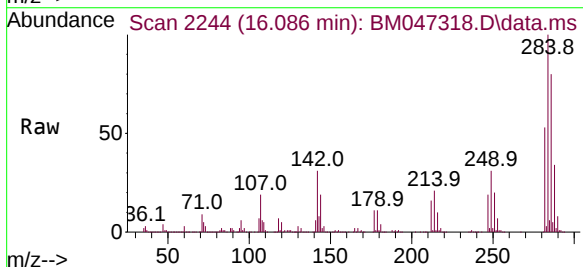
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

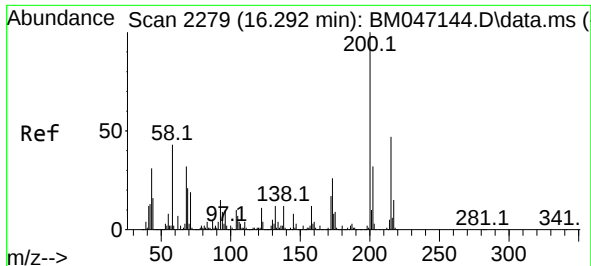
Tgt Ion:248 Resp: 697565
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.8
141 64.1 57.7 86.5



#68
Hexachlorobenzene
Concen: 47.862 ng
RT: 16.086 min Scan# 2244
Delta R.T. -0.012 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:284 Resp: 800582
Ion Ratio Lower Upper
284 100
142 31.0 29.4 44.0
249 31.0 25.1 37.7

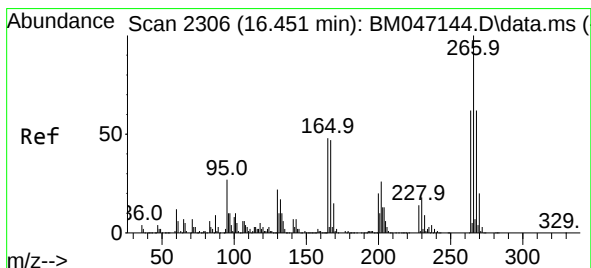
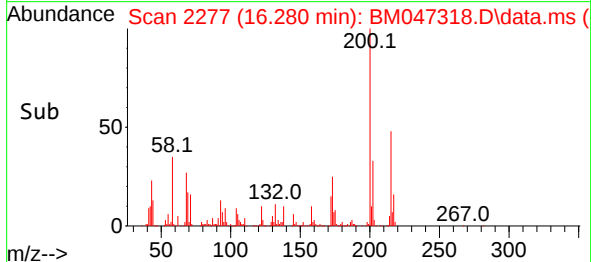
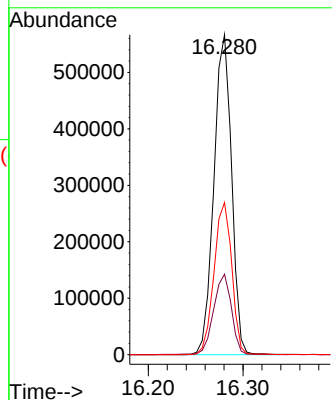
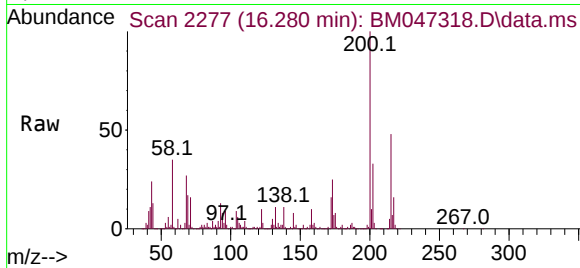




#69
Atrazine
Concen: 61.834 ng
RT: 16.280 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

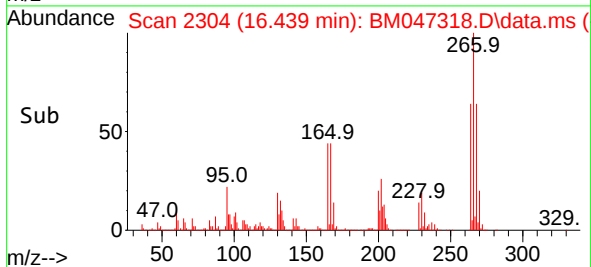
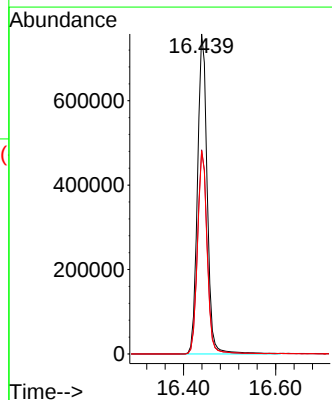
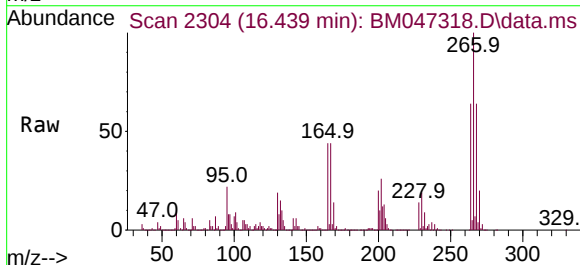
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

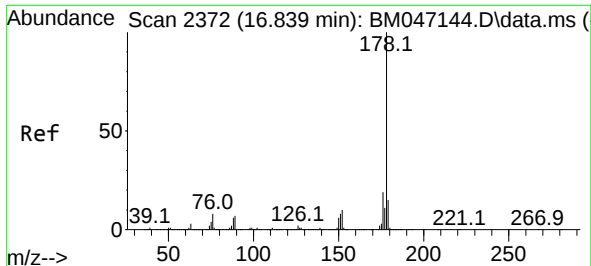
Tgt Ion:200 Resp: 734557
Ion Ratio Lower Upper
200 100
173 25.2 6.1 46.1
215 47.6 26.8 66.8



#70
Pentachlorophenol
Concen: 94.306 ng
RT: 16.439 min Scan# 2304
Delta R.T. -0.012 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:266 Resp: 1105763
Ion Ratio Lower Upper
266 100
268 63.8 49.8 74.6
264 63.5 49.6 74.4

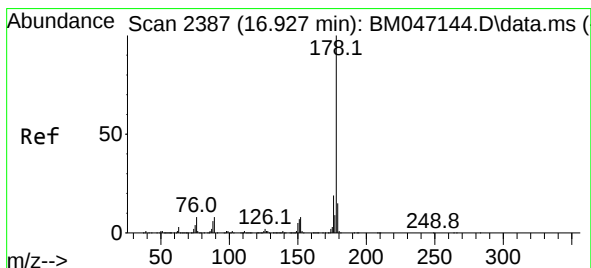
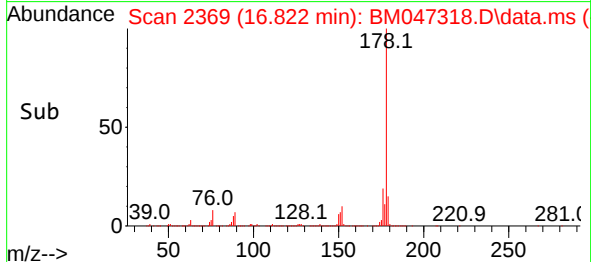
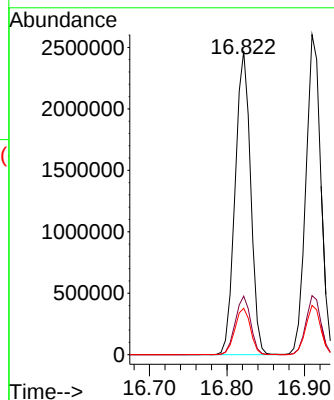
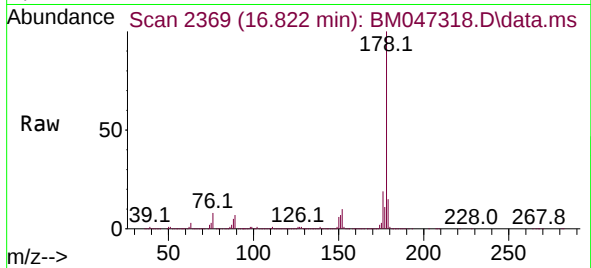




#71
Phenanthrene
Concen: 47.215 ng
RT: 16.822 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

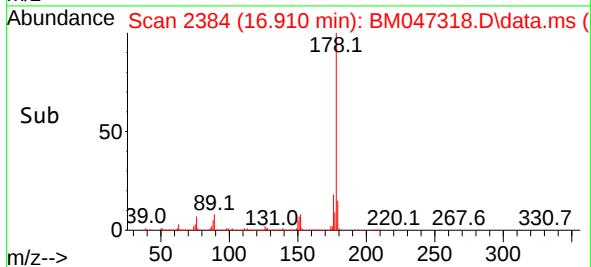
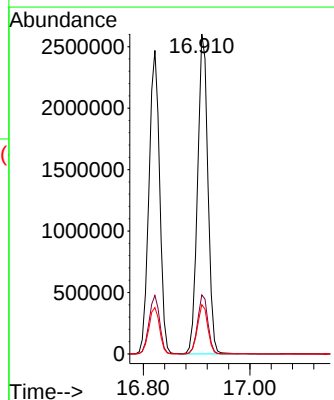
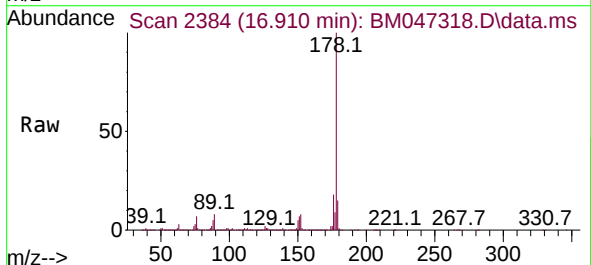
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

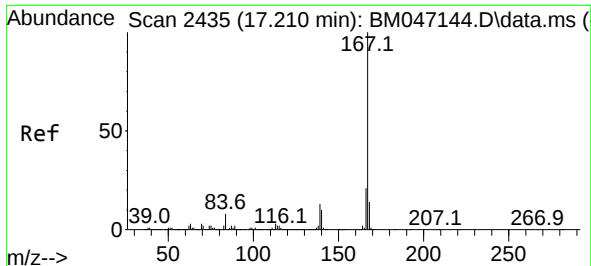
Tgt Ion:178 Resp: 3434310
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.3 12.4 18.6



#72
Anthracene
Concen: 49.535 ng
RT: 16.910 min Scan# 2384
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:178 Resp: 3505828
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.4 12.4 18.6

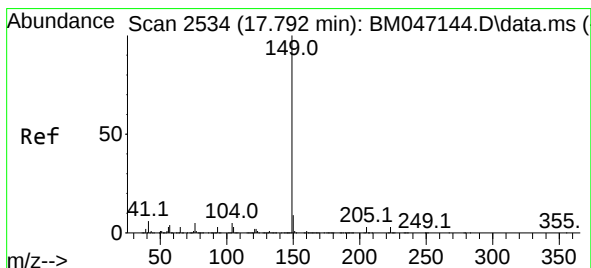
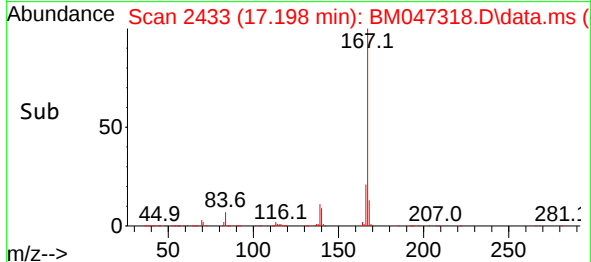
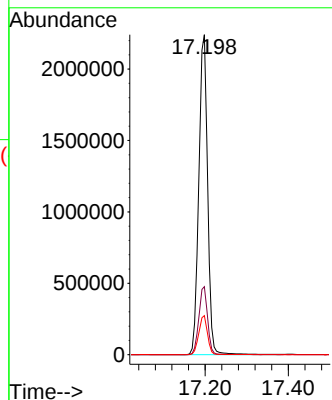
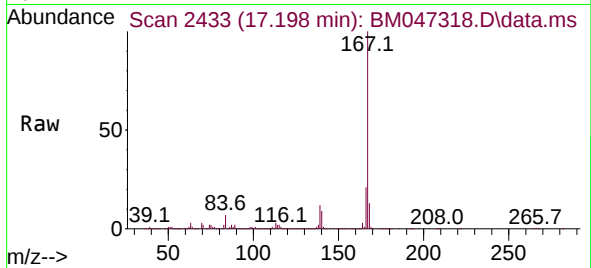




#73
Carbazole
Concen: 45.620 ng
RT: 17.198 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

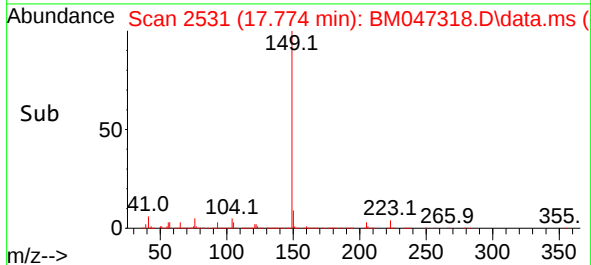
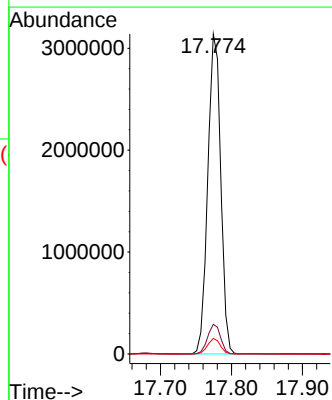
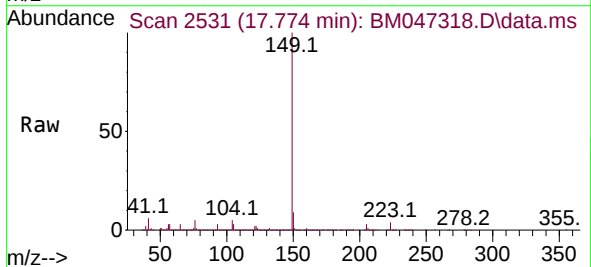
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

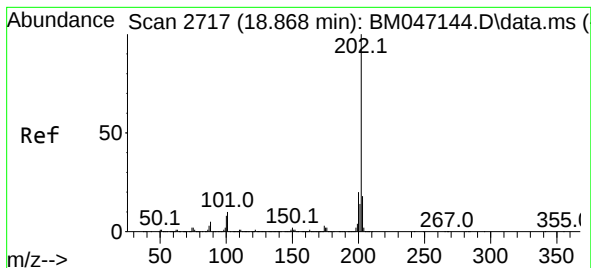
Tgt Ion:167 Resp: 3296660
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 12.2 10.0 15.0



#74
Di-n-butylphthalate
Concen: 47.262 ng
RT: 17.774 min Scan# 2531
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:149 Resp: 3973956
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 46.916 ng

RT: 18.857 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

Instrument :

BNA_M

ClientSampleId :

S-928-K1-SO-0.5-1-081924MS

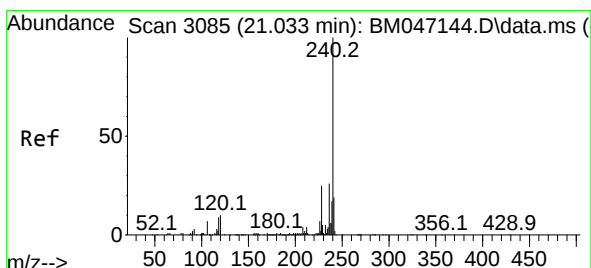
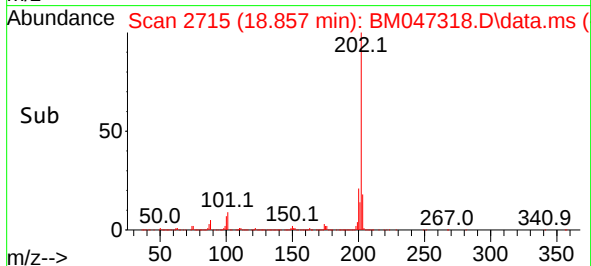
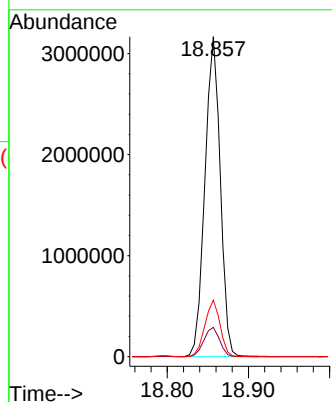
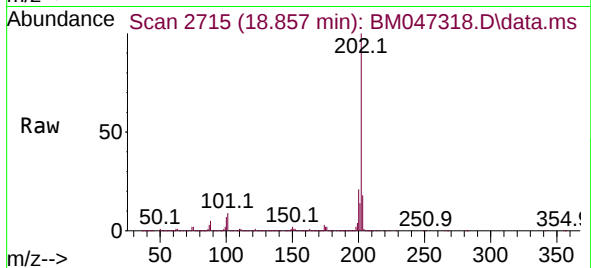
Tgt Ion:202 Resp: 4150827

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.2

203 17.6 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: BM047318.D

Acq: 22 Aug 2024 15:50

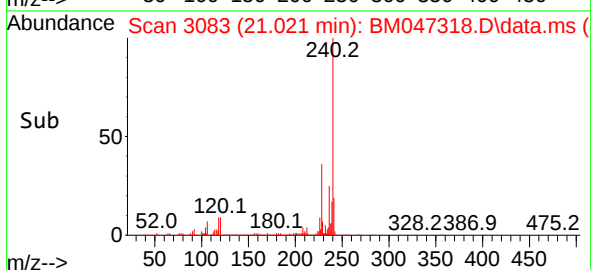
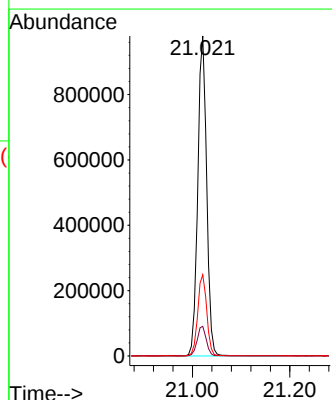
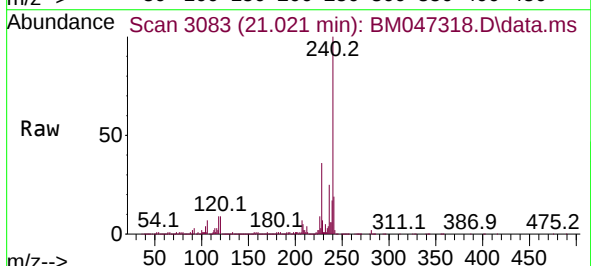
Tgt Ion:240 Resp: 1253561

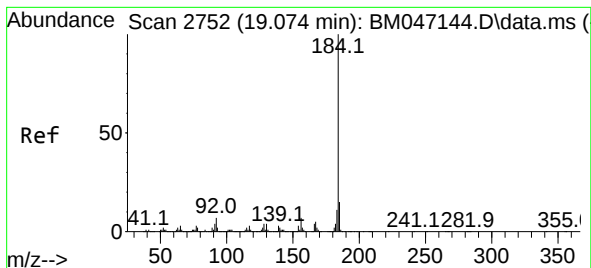
Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

236 25.4 20.6 30.8





#77

Benzidine

Concen: 101.578 ng

RT: 19.063 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

Instrument :

BNA_M

ClientSampleId :

S-928-K1-SO-0.5-1-081924MS

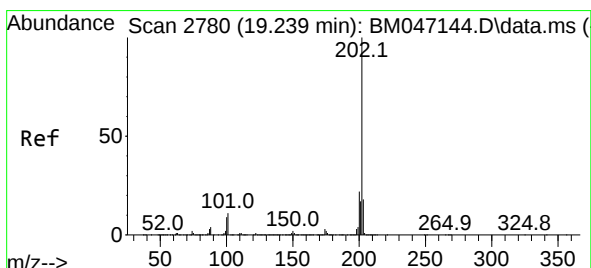
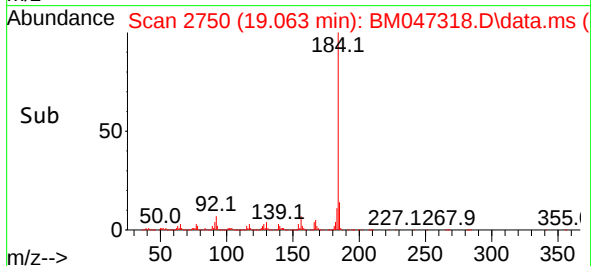
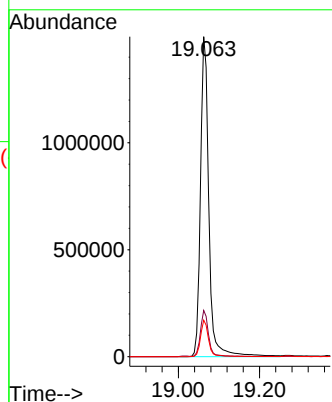
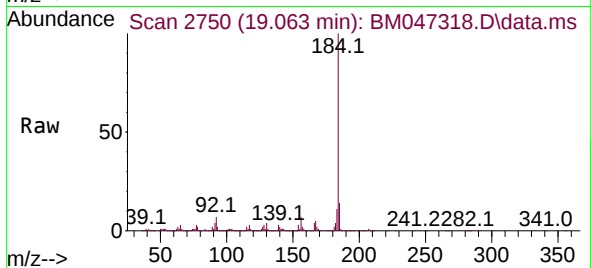
Tgt Ion:184 Resp: 2159384

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

183 11.4 9.0 13.6



#78

Pyrene

Concen: 48.698 ng

RT: 19.221 min Scan# 2777

Delta R.T. -0.018 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

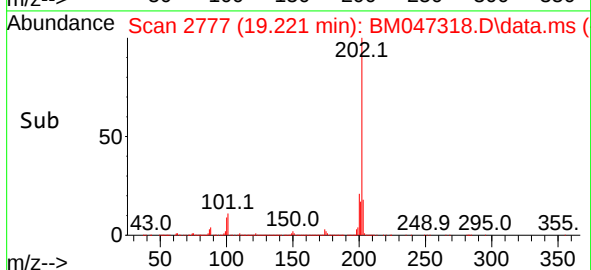
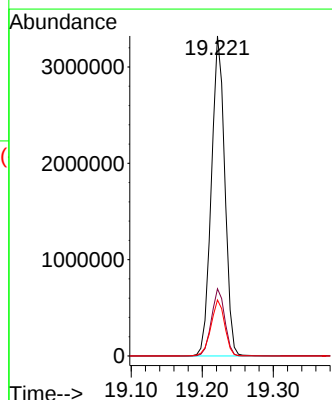
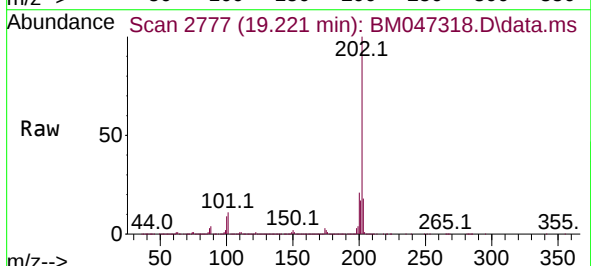
Tgt Ion:202 Resp: 4358812

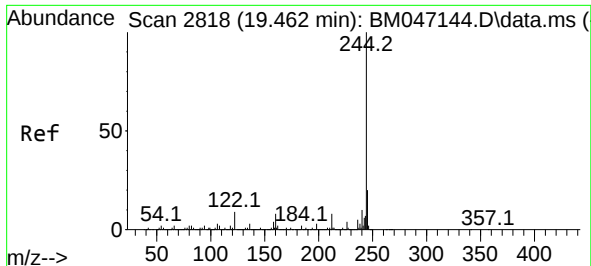
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 17.5 14.2 21.2

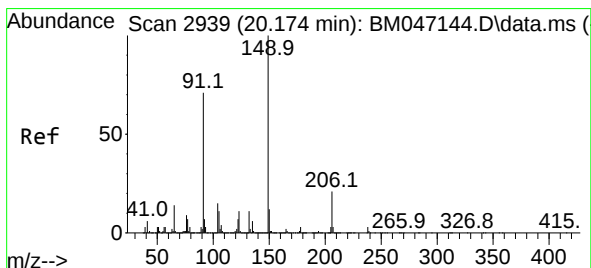
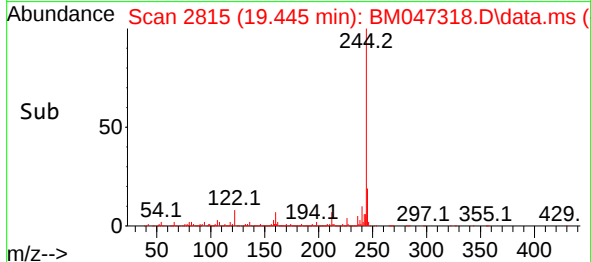
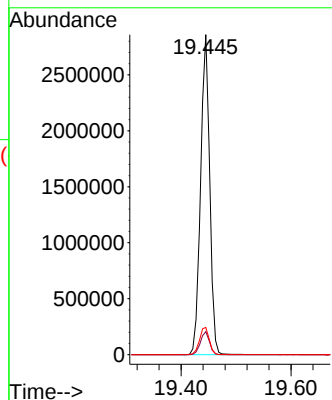
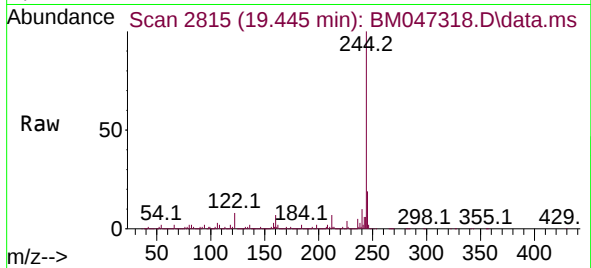




#79
 Terphenyl-d14
 Concen: 56.327 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM047318.D
 Acq: 22 Aug 2024 15:50

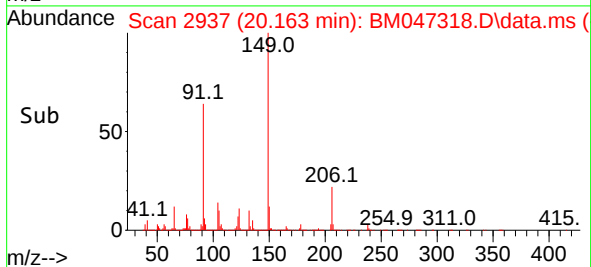
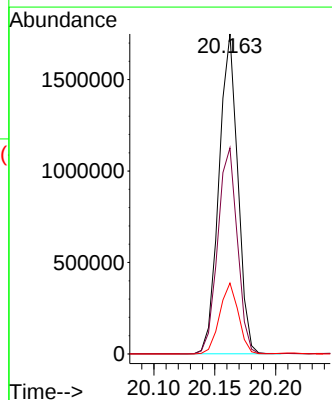
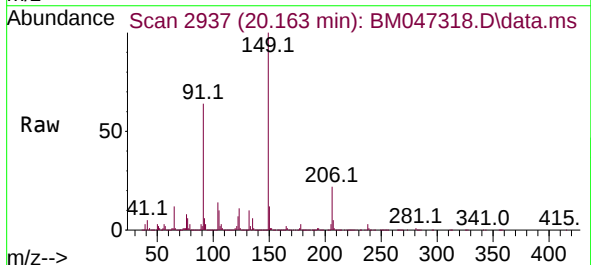
Instrument :
 BNA_M
 ClientSampleId :
 S-928-K1-SO-0.5-1-081924MS

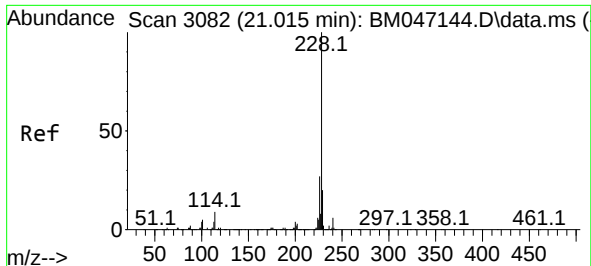
Tgt Ion:244 Resp: 3295249
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 8.5 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 51.651 ng
 RT: 20.163 min Scan# 2937
 Delta R.T. -0.012 min
 Lab File: BM047318.D
 Acq: 22 Aug 2024 15:50

Tgt Ion:149 Resp: 1886712
 Ion Ratio Lower Upper
 149 100
 91 64.4 57.0 85.4
 206 22.2 16.4 24.6

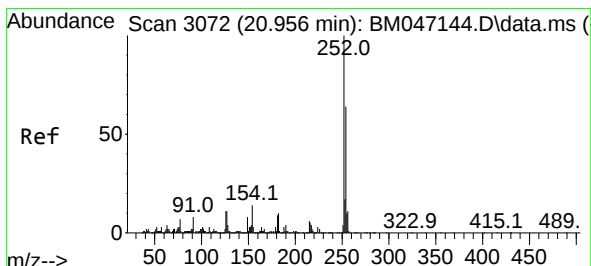
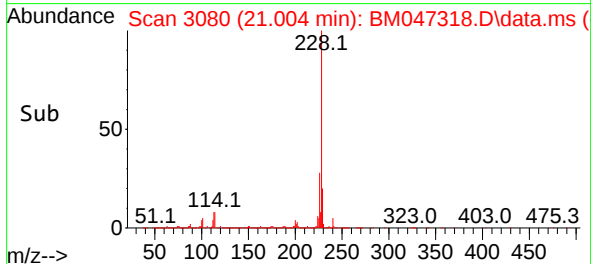
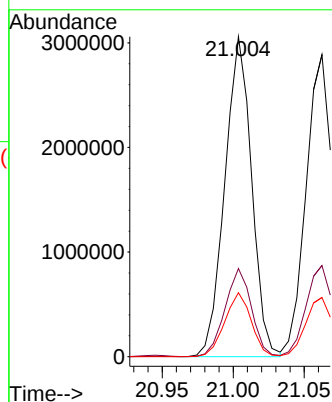
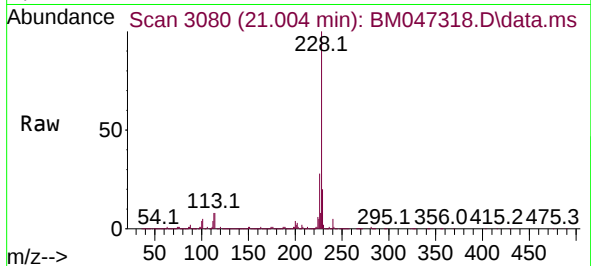




#81
Benzo(a)anthracene
Concen: 48.273 ng
RT: 21.004 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

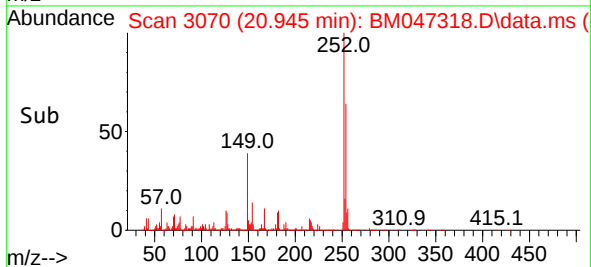
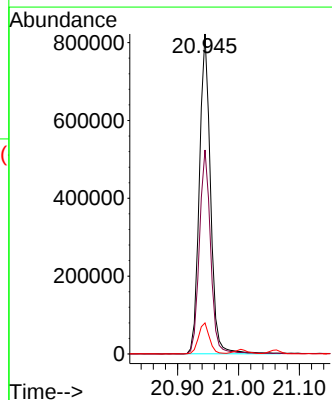
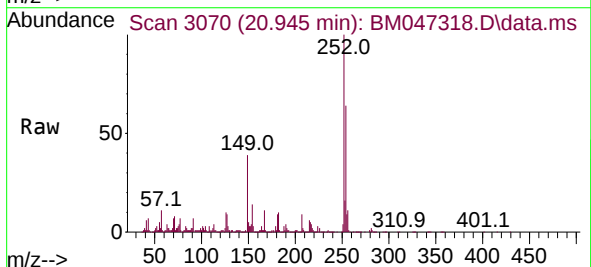
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

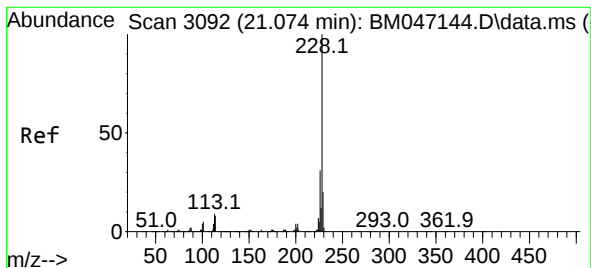
Tgt Ion:228 Resp: 4017187
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.6
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 39.944 ng
RT: 20.945 min Scan# 3070
Delta R.T. -0.012 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:252 Resp: 1040038
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.6
126 9.7 8.5 12.7





#83

Chrysene

Concen: 47.624 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

Instrument :

BNA_M

ClientSampleId :

S-928-K1-SO-0.5-1-081924MS

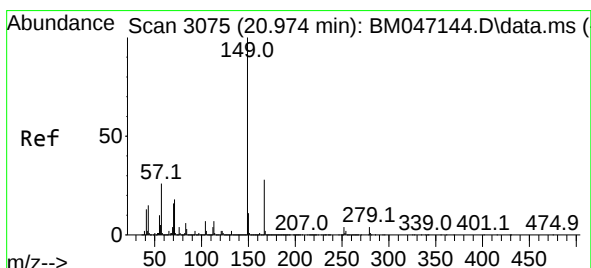
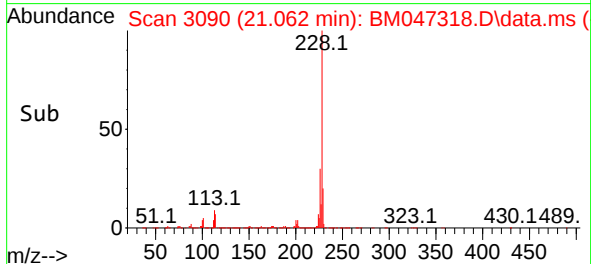
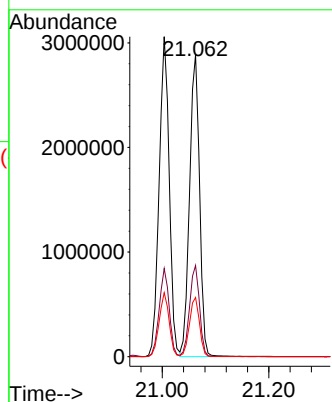
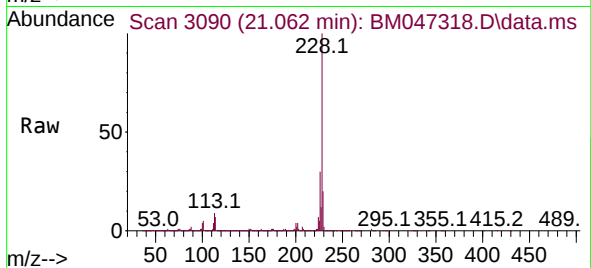
Tgt Ion:228 Resp: 3760179

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.184 ng

RT: 20.962 min Scan# 3073

Delta R.T. -0.012 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

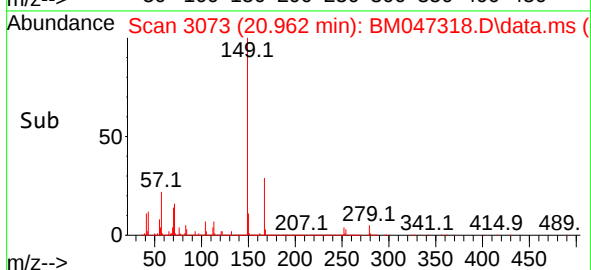
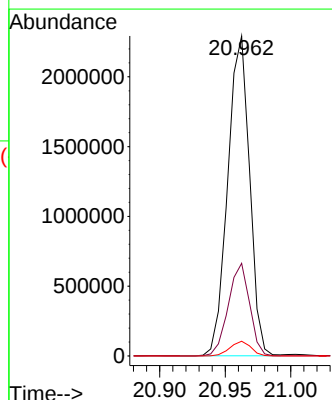
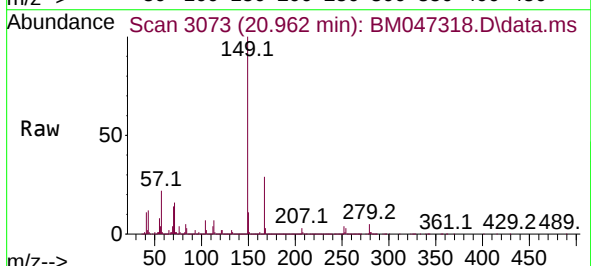
Tgt Ion:149 Resp: 2651474

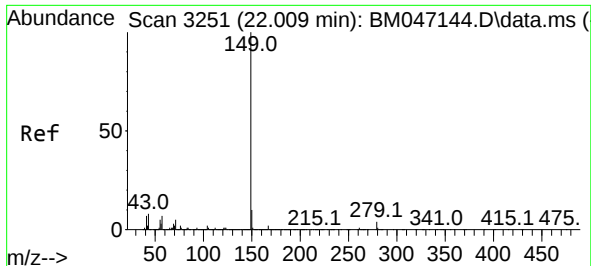
Ion Ratio Lower Upper

149 100

167 29.0 22.2 33.2

279 4.6 3.0 4.4#

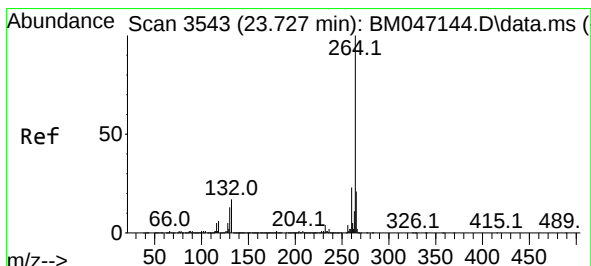
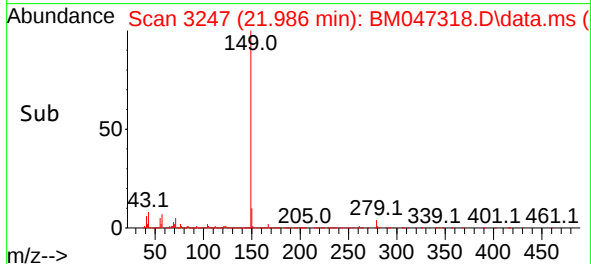
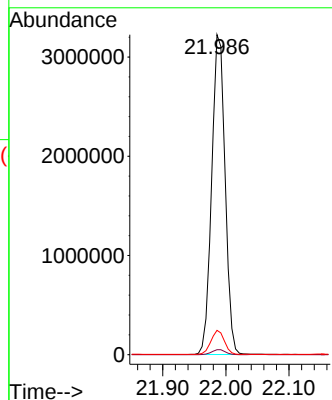
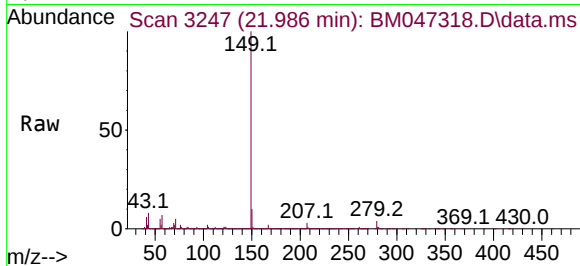




#85
Di-n-octyl phthalate
Concen: 53.891 ng
RT: 21.986 min Scan# 31
Delta R.T. -0.023 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

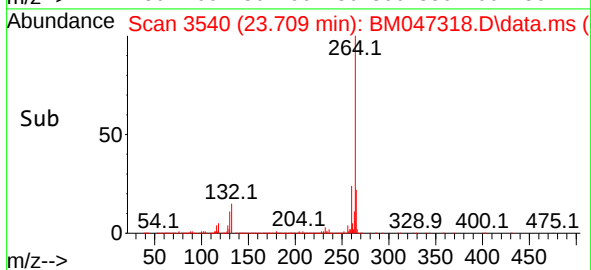
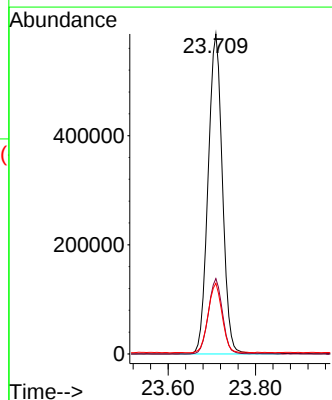
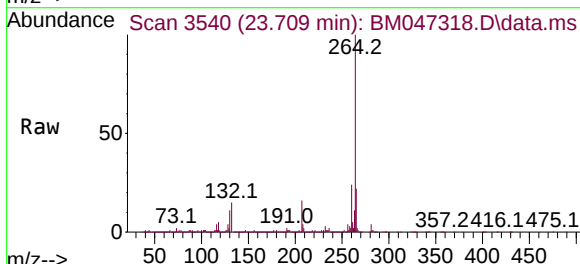
Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

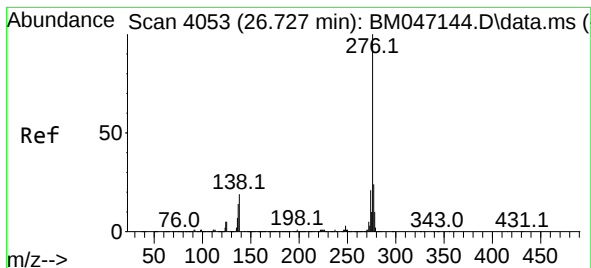
Tgt Ion:149 Resp: 4745110
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 3540
Delta R.T. -0.018 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:264 Resp: 1332024
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 22.1 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.365 ng

RT: 26.703 min Scan# 4053

Delta R.T. -0.023 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

Instrument :

BNA_M

ClientSampleId :

S-928-K1-SO-0.5-1-081924MS

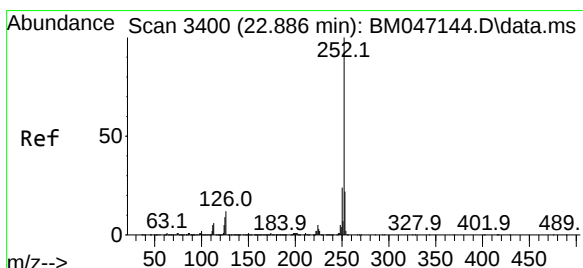
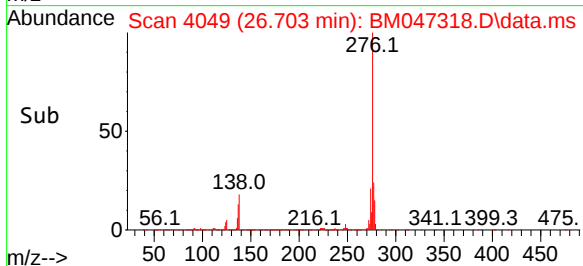
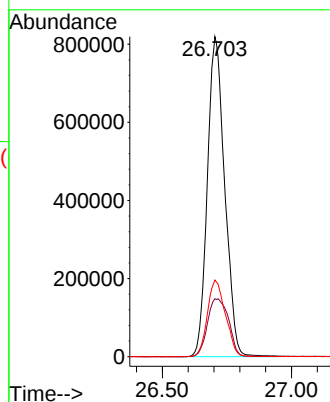
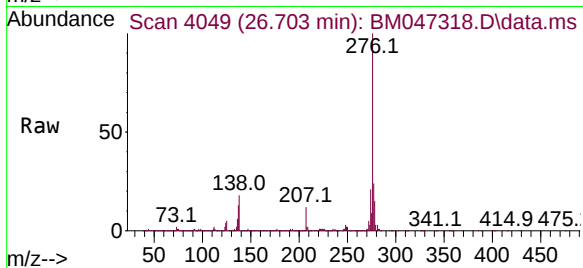
Tgt Ion:276 Resp: 3819760

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: 47.761 ng

RT: 22.874 min Scan# 3398

Delta R.T. -0.012 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

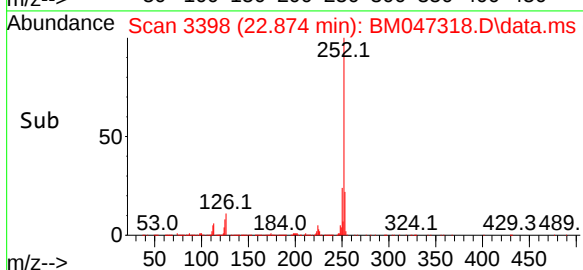
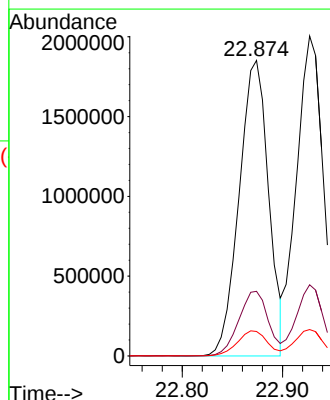
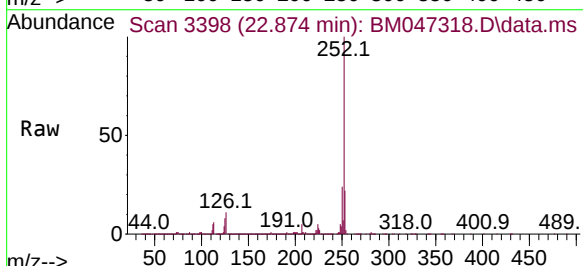
Tgt Ion:252 Resp: 3778045

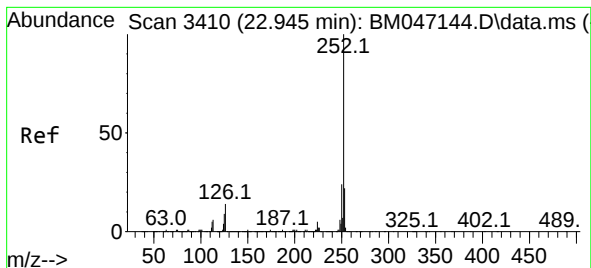
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 49.647 ng

RT: 22.927 min Scan# 3410

Delta R.T. -0.018 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

Instrument :

BNA_M

ClientSampleId :

S-928-K1-SO-0.5-1-081924MS

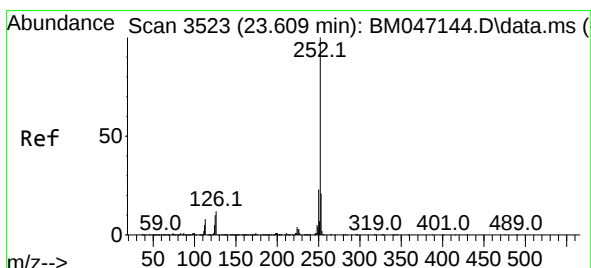
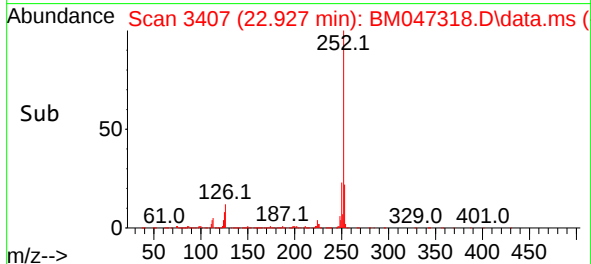
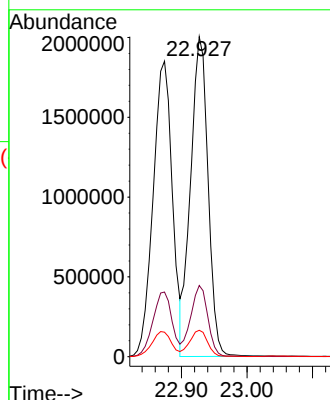
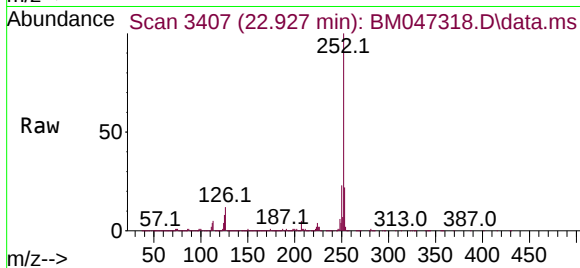
Tgt Ion:252 Resp: 3709462

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 50.586 ng

RT: 23.586 min Scan# 3519

Delta R.T. -0.023 min

Lab File: BM047318.D

Acq: 22 Aug 2024 15:50

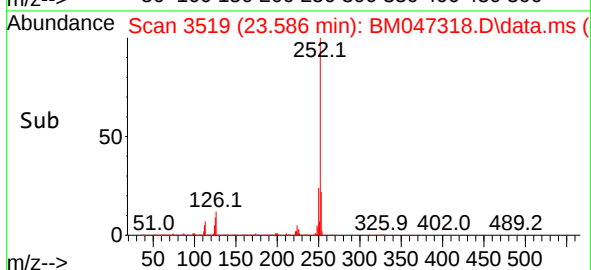
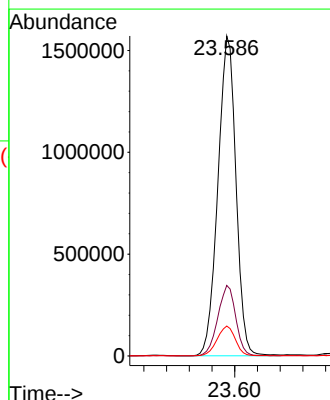
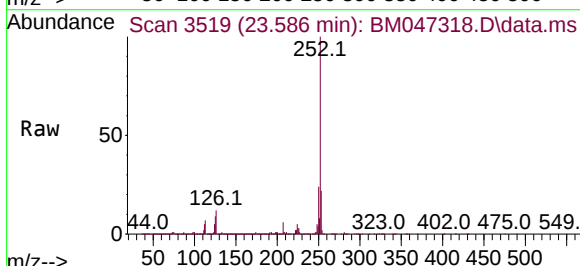
Tgt Ion:252 Resp: 3466386

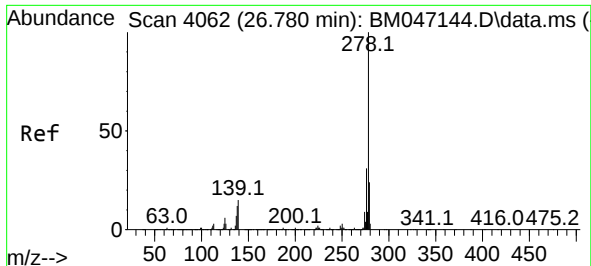
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 9.4 8.2 12.2

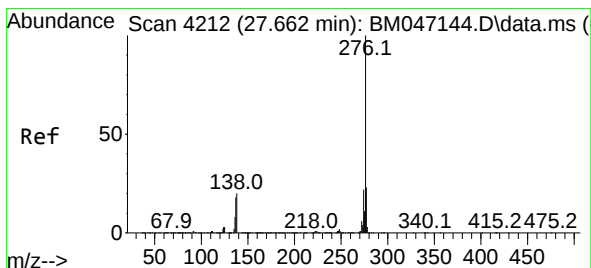
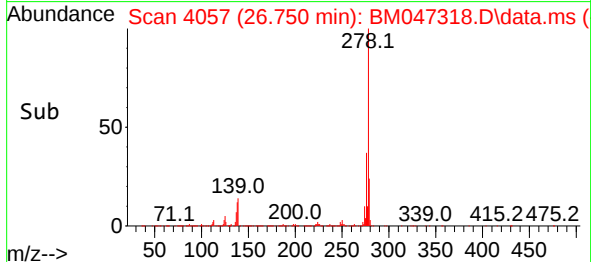
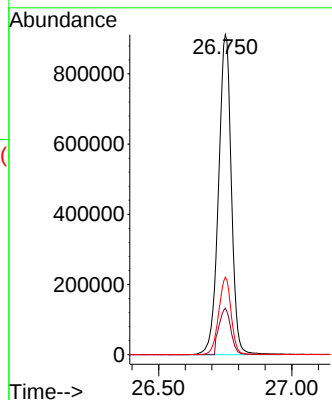
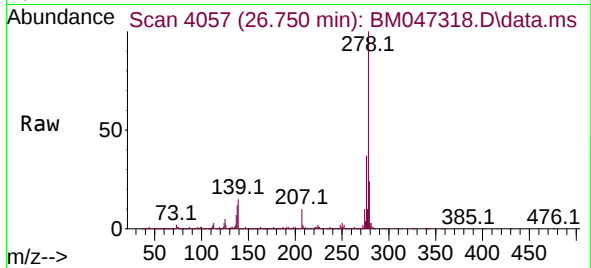




#91
Dibenzo(a,h)anthracene
Concen: 43.779 ng
RT: 26.750 min Scan# 4062
Delta R.T. -0.029 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Instrument :
BNA_M
ClientSampleId :
S-928-K1-SO-0.5-1-081924MS

Tgt Ion:278 Resp: 3050435
Ion Ratio Lower Upper
278 100
139 14.5 12.0 18.0
279 24.3 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 39.706 ng
RT: 27.627 min Scan# 4206
Delta R.T. -0.035 min
Lab File: BM047318.D
Acq: 22 Aug 2024 15:50

Tgt Ion:276 Resp: 2872464
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 19.9 16.2 24.4

