

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
 Data File : BM047427.D
 Acq On : 03 Sep 2024 16:04
 Operator : RC/JU
 Sample : P3813-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-083024MS

Quant Time: Sep 03 16:44:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.340	152	253197	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	952481	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	603534	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1098252	20.000	ng	0.00
76) Chrysene-d12	21.021	240	797663	20.000	ng	0.00
86) Perylene-d12	23.721	264	1013628	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1456413	110.357	ng	0.00
7) Phenol-d6	6.575	99	1882201	104.694	ng	0.00
23) Nitrobenzene-d5	8.492	82	1251019	72.877	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	761222	104.541	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	3030688	77.156	ng	0.00
79) Terphenyl-d14	19.439	244	3319532	74.074	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.016	88	190905	35.341	ng	97
3) Pyridine	3.387	79	516997	34.484	ng	99
4) n-Nitrosodimethylamine	3.310	42	241290	39.517	ng	98
6) Aniline	6.693	93	478102	29.362	ng	98
8) 2-Chlorophenol	6.922	128	696287	47.137	ng	98
9) Benzaldehyde	6.510	77	187666	16.468	ng	99
10) Phenol	6.598	94	780340	44.117	ng	99
11) bis(2-Chloroethyl)ether	6.793	93	644841	42.069	ng	99
12) 1,3-Dichlorobenzene	7.228	146	787888	43.619	ng	99
13) 1,4-Dichlorobenzene	7.375	146	798314	43.640	ng	99
14) 1,2-Dichlorobenzene	7.681	146	771651	44.511	ng	100
15) Benzyl Alcohol	7.604	79	591796	47.481	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.863	45	780665	42.475	ng	99
17) 2-Methylphenol	7.816	107	548147	44.604	ng	99
18) Hexachloroethane	8.387	117	288605	42.203	ng	99
19) n-Nitroso-di-n-propyla...	8.157	70	468753	37.930	ng	97
20) 3+4-Methylphenols	8.145	107	734444	42.984	ng	94
22) Acetophenone	8.169	105	935846	42.336	ng	# 99
24) Nitrobenzene	8.534	77	746227	42.267	ng	99
25) Isophorone	9.057	82	1364137	42.045	ng	99
26) 2-Nitrophenol	9.234	139	406022	46.754	ng	97
27) 2,4-Dimethylphenol	9.322	122	553573	56.473	ng	99
28) bis(2-Chloroethoxy)met...	9.539	93	836614	42.109	ng	98
29) 2,4-Dichlorophenol	9.781	162	744025	48.930	ng	99
30) 1,2,4-Trichlorobenzene	9.969	180	791020	45.038	ng	98
31) Naphthalene	10.145	128	2049723	44.060	ng	100
32) Benzoic acid	9.545	122	455725	38.934	ng	94
33) 4-Chloroaniline	10.286	127	405787	23.459	ng	99
34) Hexachlorobutadiene	10.422	225	520597	47.461	ng	99
35) Caprolactam	11.104	113	215862	43.822	ng	99
36) 4-Chloro-3-methylphenol	11.445	107	680336	44.058	ng	100
37) 2-Methylnaphthalene	11.775	142	1495432	44.087	ng	99
38) 1-Methylnaphthalene	11.998	142	1399817	41.726	ng	99
40) 1,2,4,5-Tetrachloroben...	12.157	216	897180	50.201	ng	99
41) Hexachlorocyclopentadiene	12.122	237	173141	30.696	ng	97
43) 2,4,6-Trichlorophenol	12.427	196	608322	49.653	ng	99

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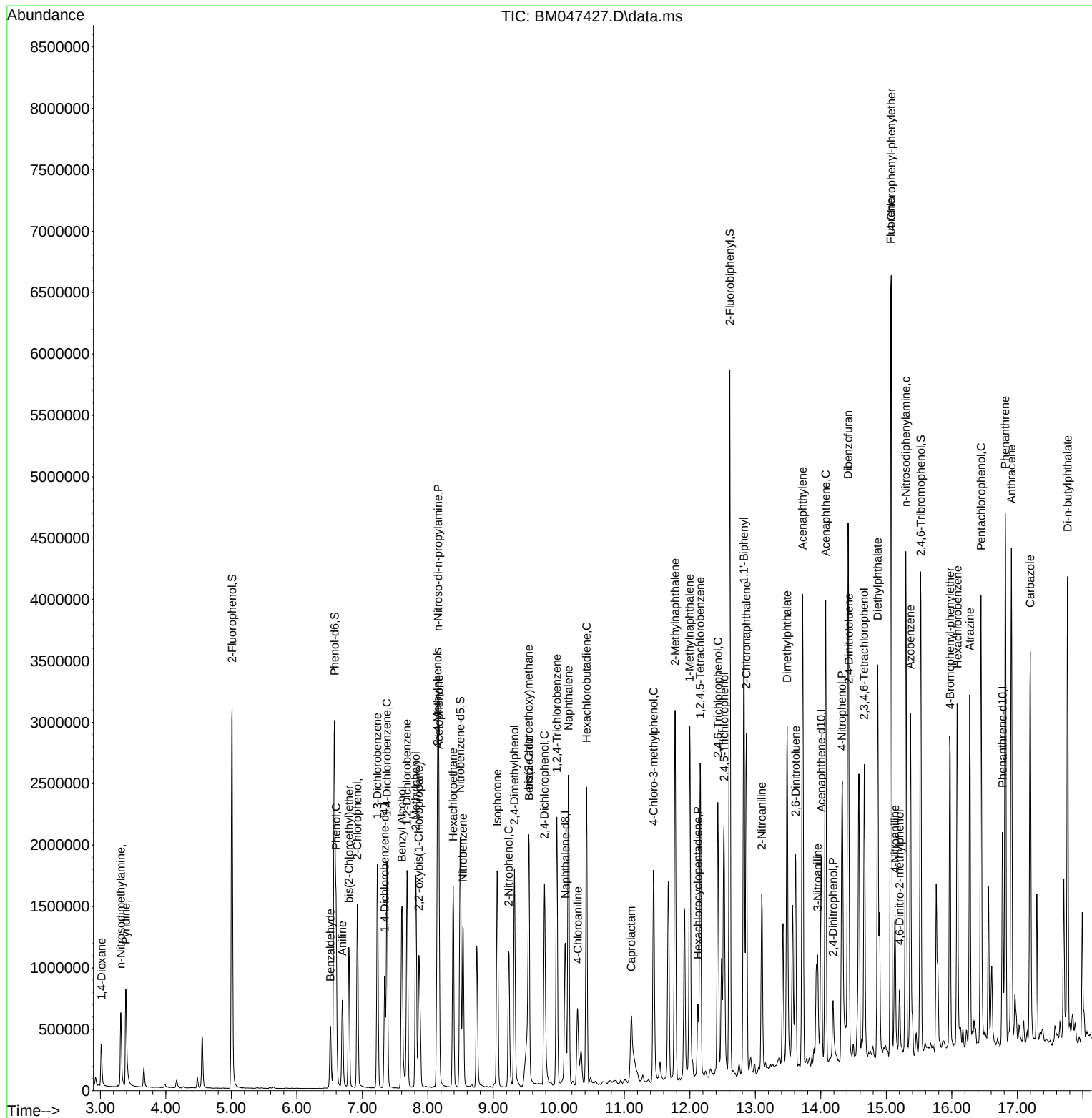
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.522	196	642966	47.256	ng	99
46) 1,1'-Biphenyl	12.827	154	1907470	45.263	ng	99
47) 2-Chloronaphthalene	12.863	162	1476568	44.711	ng	99
48) 2-Nitroaniline	13.098	65	417676	45.151	ng	93
49) Acenaphthylene	13.722	152	2364827	49.270	ng	99
50) Dimethylphthalate	13.486	163	1879864	45.204	ng	100
51) 2,6-Dinitrotoluene	13.616	165	418699	43.243	ng	96
52) Acenaphthene	14.074	154	1393746	45.742	ng	100
53) 3-Nitroaniline	13.951	138	274354	30.707	ng	95
54) 2,4-Dinitrophenol	14.186	184	163517	27.423	ng	97
55) Dibenzofuran	14.416	168	2210265	45.036	ng	100
56) 4-Nitrophenol	14.321	139	572046	81.909	ng	98
57) 2,4-Dinitrotoluene	14.427	165	534458	42.640	ng	# 83
58) Fluorene	15.069	166	1715206	43.183	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	521323	46.648	ng	98
60) Diethylphthalate	14.868	149	1774199	43.251	ng	99
61) 4-Chlorophenyl-phenyle...	15.074	204	897883	44.437	ng	97
62) 4-Nitroaniline	15.133	138	335507	40.594	ng	97
63) Azobenzene	15.368	77	1539773	43.105	ng	97
65) 4,6-Dinitro-2-methylph...	15.204	198	126951	18.833	ng	96
66) n-Nitrosodiphenylamine	15.298	169	1497084	49.818	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	565727	48.828	ng	95
68) Hexachlorobenzene	16.086	284	623449	46.589	ng	94
69) Atrazine	16.274	200	560310	57.042	ng	98
70) Pentachlorophenol	16.445	266	743674	85.957	ng	98
71) Phenanthrene	16.815	178	2643456	49.562	ng	100
72) Anthracene	16.910	178	2568032	49.391	ng	100
73) Carbazole	17.198	167	2237869	44.853	ng	100
74) Di-n-butylphthalate	17.768	149	2815701	46.345	ng	100
75) Fluoranthene	18.856	202	3030267	48.387	ng	99
77) Benzidine	19.068	184	1626594	122.164	ng	99
78) Pyrene	19.221	202	3114881	50.915	ng	100
80) Butylbenzylphthalate	20.156	149	1083521	45.259	ng	95
81) Benzo(a)anthracene	21.003	228	2686947	51.654	ng	99
82) 3,3'-Dichlorobenzidine	20.945	252	859422	49.115	ng	99
83) Chrysene	21.062	228	2496433	51.018	ng	99
84) Bis(2-ethylhexyl)phtha...	20.950	149	1478463	43.694	ng	# 99
85) Di-n-octyl phthalate	21.980	149	2613204	45.885	ng	98
87) Indeno(1,2,3-cd)pyrene	26.756	276	3474452	54.756	ng	97
88) Benzo(b)fluoranthene	22.880	252	2890417	48.877	ng	100
89) Benzo(k)fluoranthene	22.939	252	2639235	47.079	ng	99
90) Benzo(a)pyrene	23.603	252	2792305	54.600	ng	99
91) Dibenzo(a,h)anthracene	26.785	278	2608296	50.741	ng	100
92) Benzo(g,h,i)perylene	27.685	276	2779574	52.012	ng	98

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

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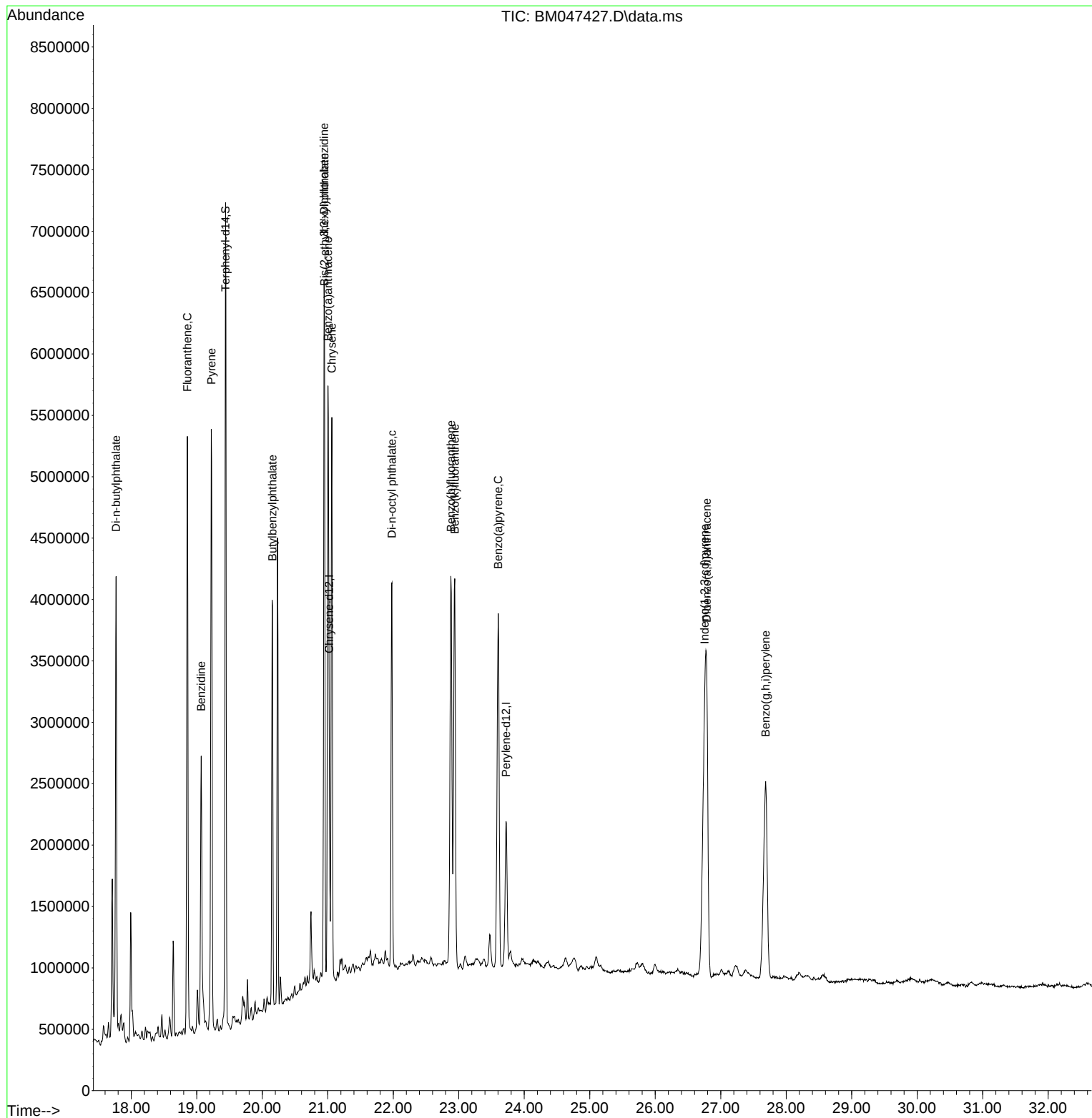
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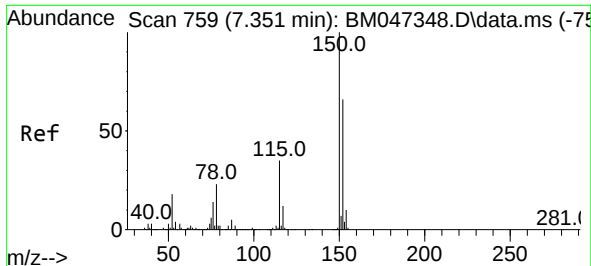


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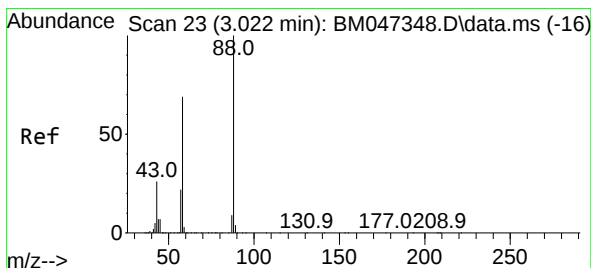
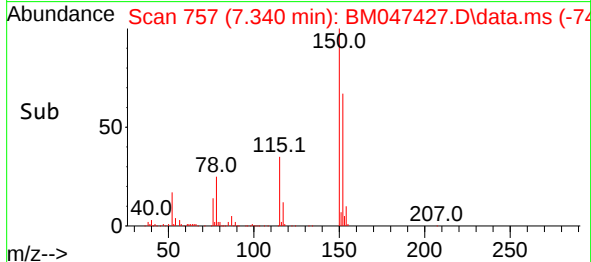
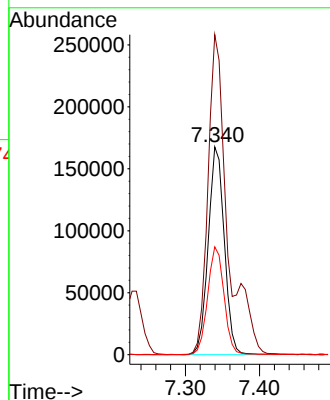
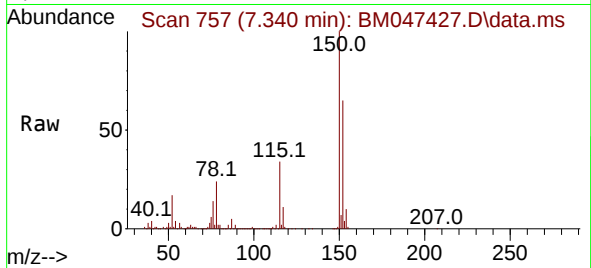




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.340 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BM047427.D
 Acq: 03 Sep 2024 16:04

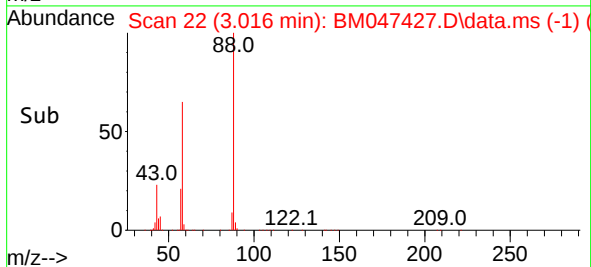
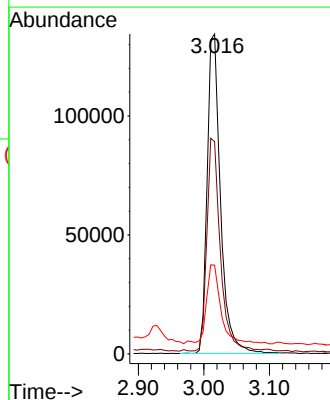
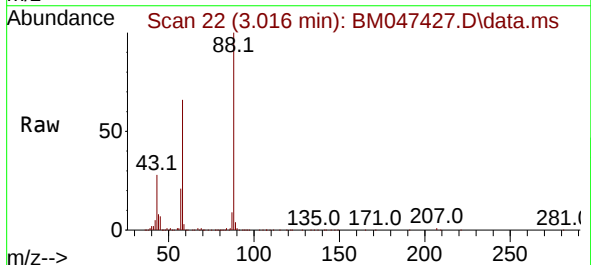
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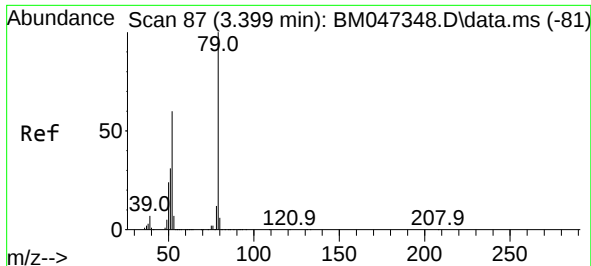
Tgt Ion:152 Resp: 253197
 Ion Ratio Lower Upper
 152 100
 150 153.9 121.3 181.9
 115 51.9 42.6 64.0



#2
 1,4-Dioxane
 Concen: 35.341 ng
 RT: 3.016 min Scan# 22
 Delta R.T. -0.006 min
 Lab File: BM047427.D
 Acq: 03 Sep 2024 16:04

Tgt Ion: 88 Resp: 190905
 Ion Ratio Lower Upper
 88 100
 58 66.4 55.4 83.0
 43 27.0 20.7 31.1





#3

Pyridine

Concen: 34.484 ng

RT: 3.387 min Scan# 81

Delta R.T. -0.012 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

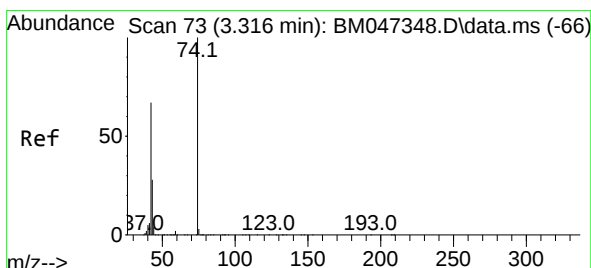
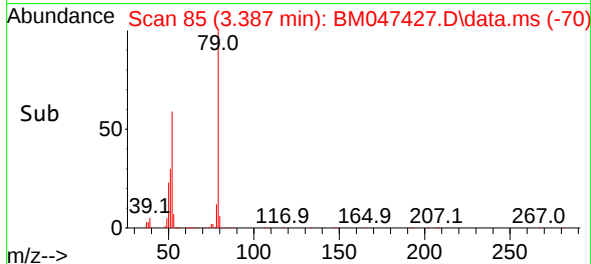
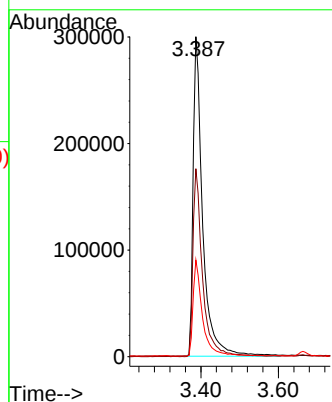
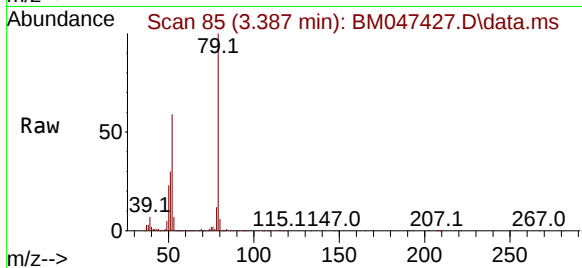
Tgt Ion: 79 Resp: 516997

Ion Ratio Lower Upper

79 100

52 58.8 47.8 71.6

51 30.2 25.0 37.4



#4

n-Nitrosodimethylamine

Concen: 39.517 ng

RT: 3.310 min Scan# 72

Delta R.T. -0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

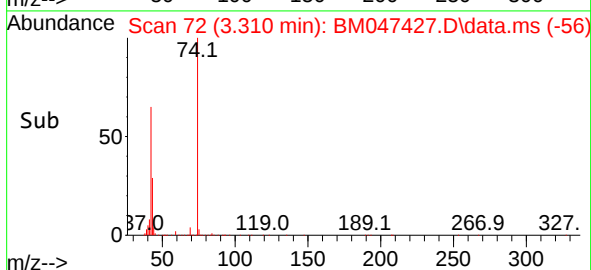
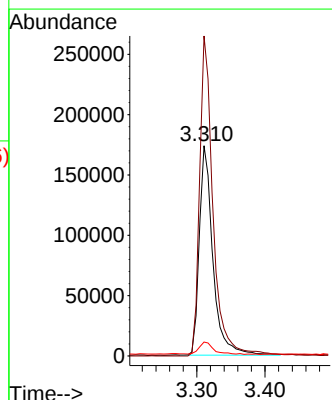
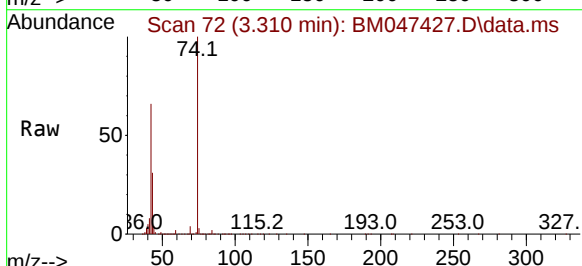
Tgt Ion: 42 Resp: 241290

Ion Ratio Lower Upper

42 100

74 152.2 119.2 178.8

44 6.6 5.2 7.8

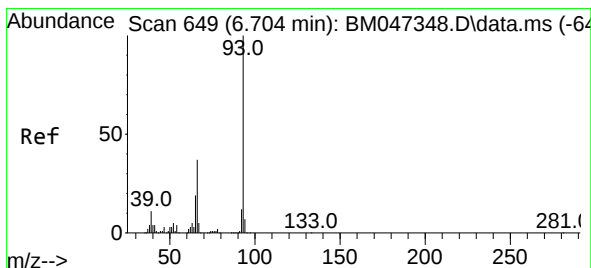
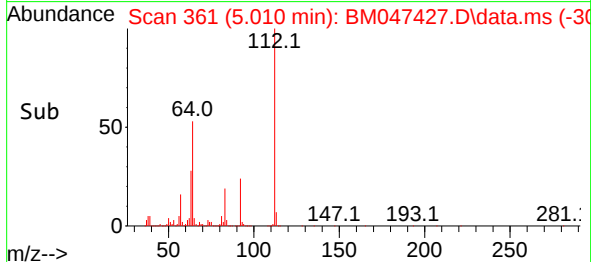
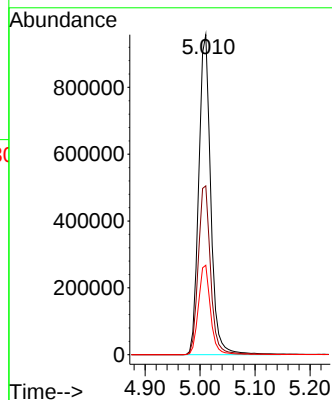
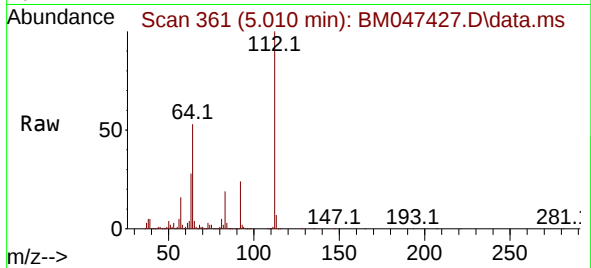




#5
2-Fluorophenol
Concen: 110.357 ng
RT: 5.010 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

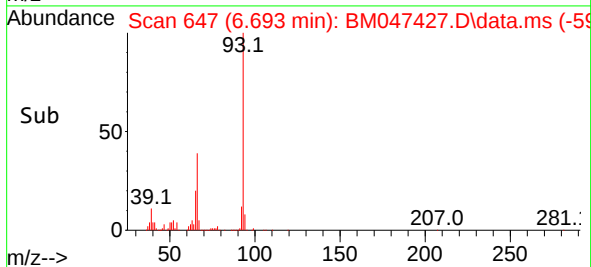
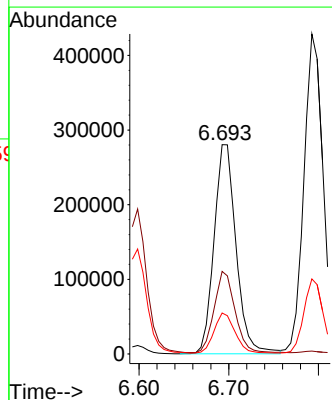
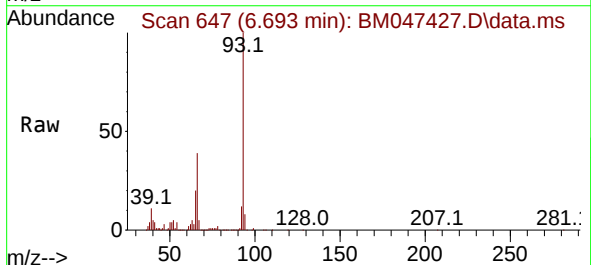
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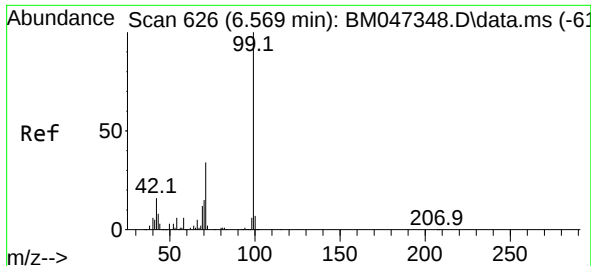
Tgt Ion:112 Resp: 1456413
Ion Ratio Lower Upper
112 100
64 52.8 45.7 68.5
63 28.0 23.8 35.8



#6
Aniline
Concen: 29.362 ng
RT: 6.693 min Scan# 647
Delta R.T. -0.012 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion: 93 Resp: 478102
Ion Ratio Lower Upper
93 100
66 39.4 30.0 45.0
65 19.6 15.5 23.3

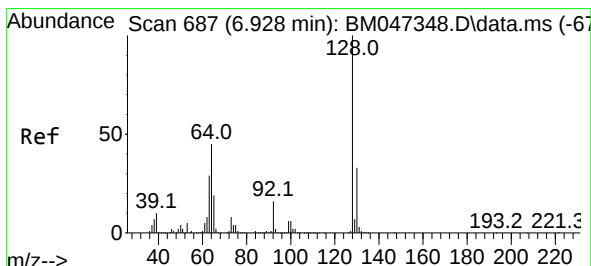
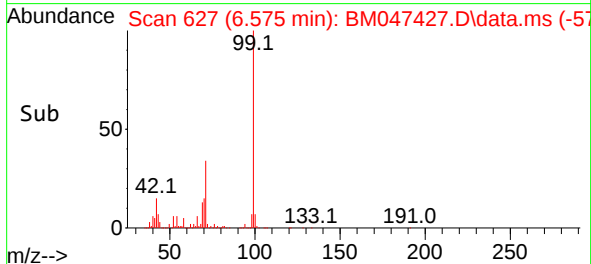
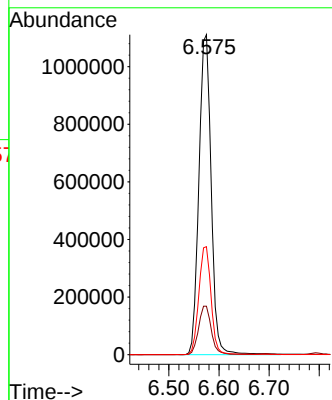
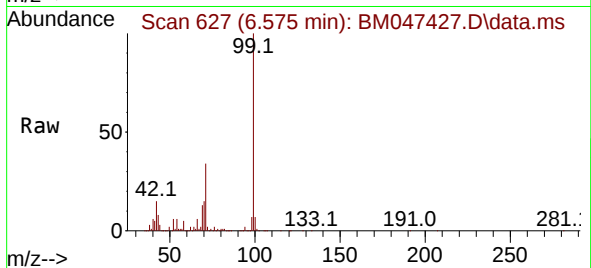




#7
Phenol-d6
Concen: 104.694 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
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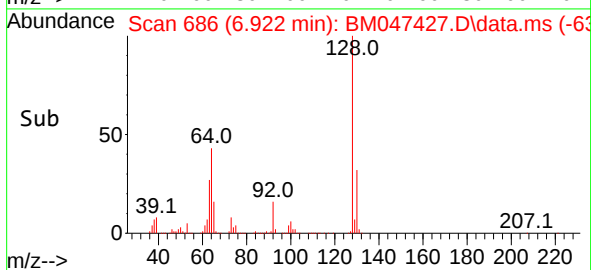
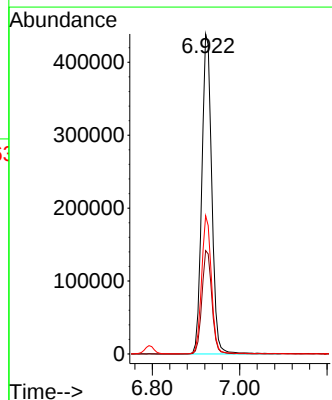
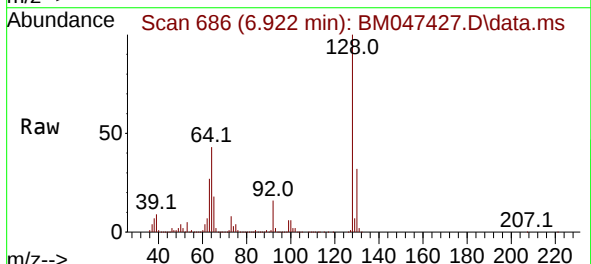
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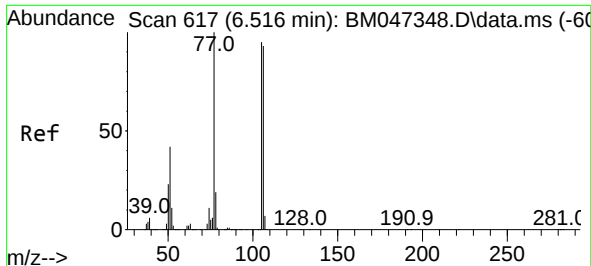
Tgt Ion: 99 Resp: 1882201
Ion Ratio Lower Upper
99 100
42 15.1 13.0 19.4
71 33.8 27.5 41.3



#8
2-Chlorophenol
Concen: 47.137 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion: 128 Resp: 696287
Ion Ratio Lower Upper
128 100
130 32.3 12.9 52.9
64 43.2 25.3 65.3

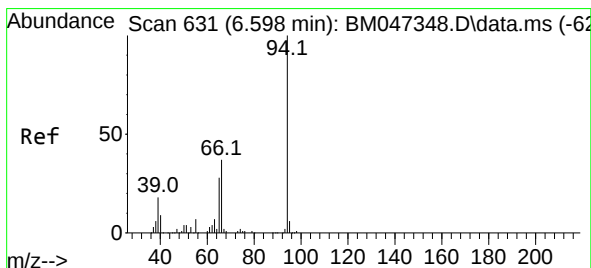
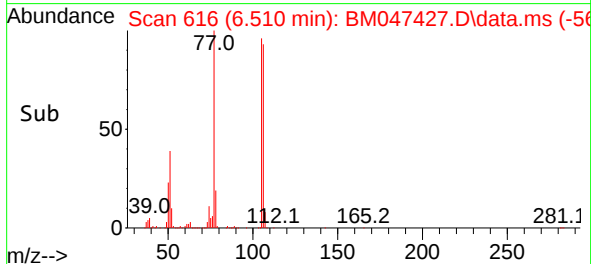
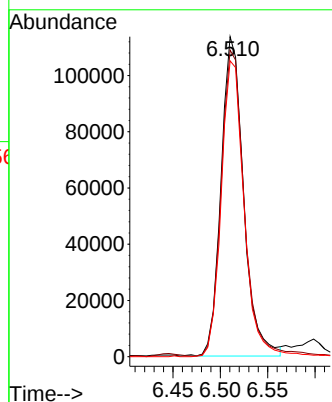
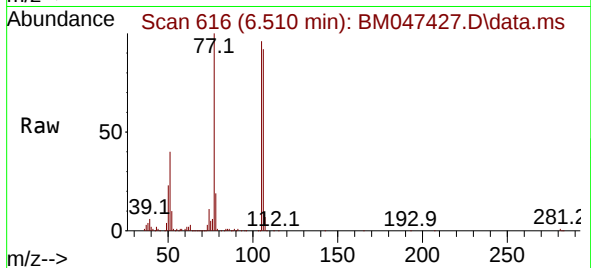




#9
Benzaldehyde
Concen: 16.468 ng
RT: 6.510 min Scan# 617
Delta R.T. -0.006 min
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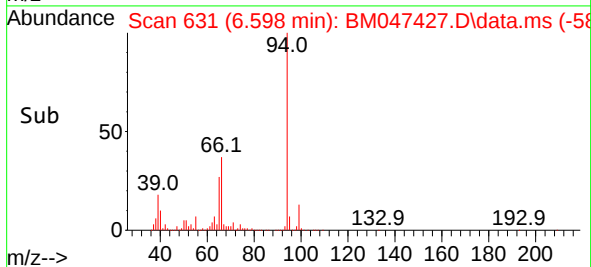
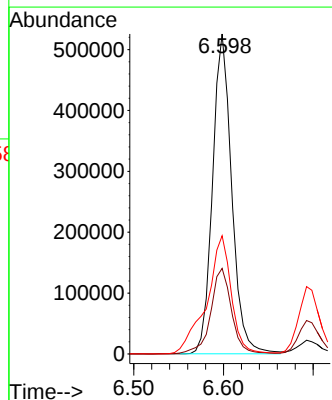
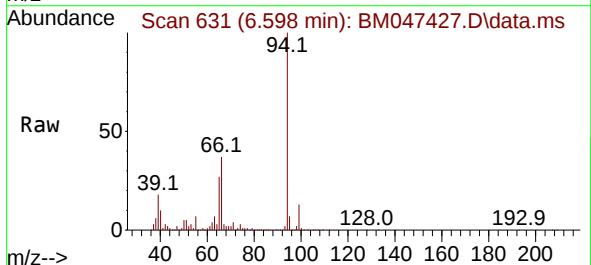
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

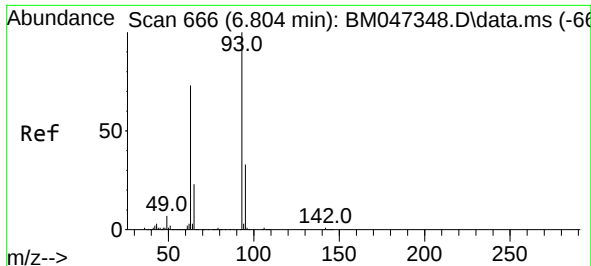
Tgt Ion: 77 Resp: 187666
Ion Ratio Lower Upper
77 100
105 95.8 74.9 114.9
106 92.5 72.6 112.6



#10
Phenol
Concen: 44.117 ng
RT: 6.598 min Scan# 631
Delta R.T. 0.000 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion: 94 Resp: 780340
Ion Ratio Lower Upper
94 100
65 26.8 7.9 47.9
66 37.0 17.3 57.3

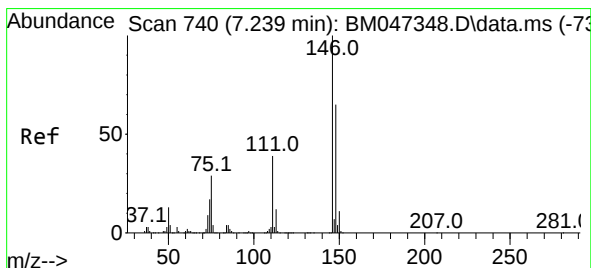
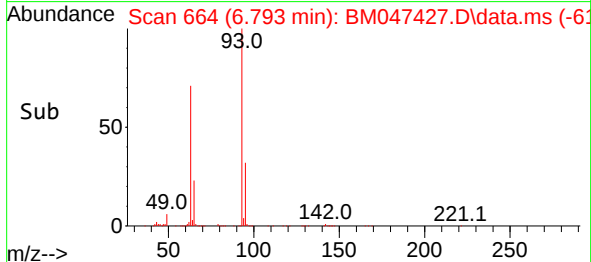
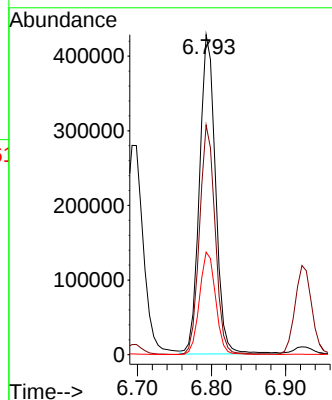
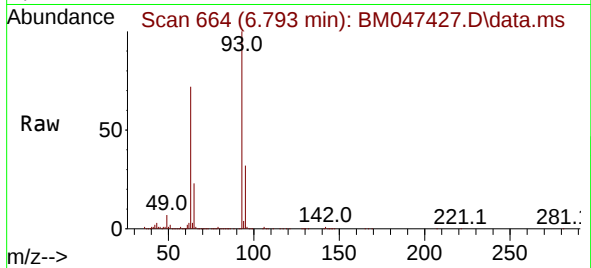




#11
bis(2-Chloroethyl)ether
Concen: 42.069 ng
RT: 6.793 min Scan# 666
Delta R.T. -0.012 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

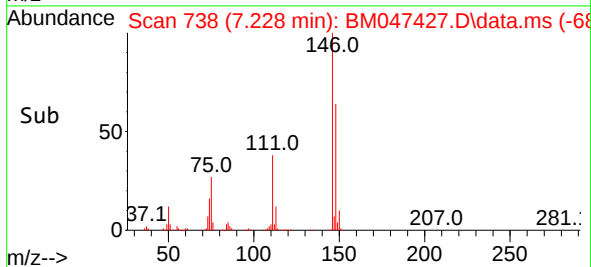
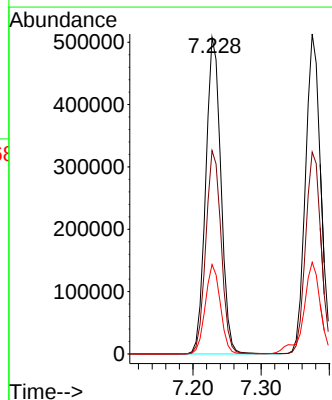
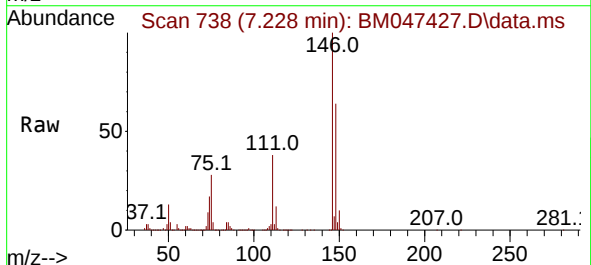
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

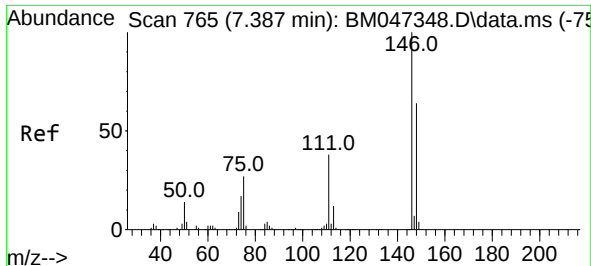
Tgt Ion: 93 Resp: 644841
Ion Ratio Lower Upper
93 100
63 71.8 52.2 92.2
95 32.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.619 ng
RT: 7.228 min Scan# 738
Delta R.T. -0.012 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion: 146 Resp: 787888
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
75 28.3 23.3 34.9

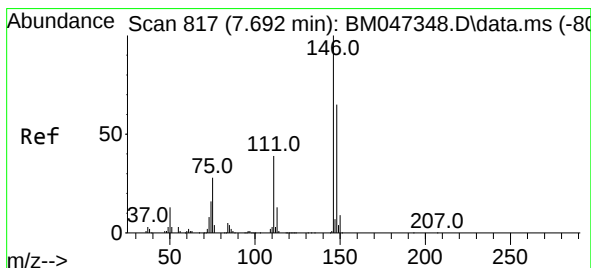
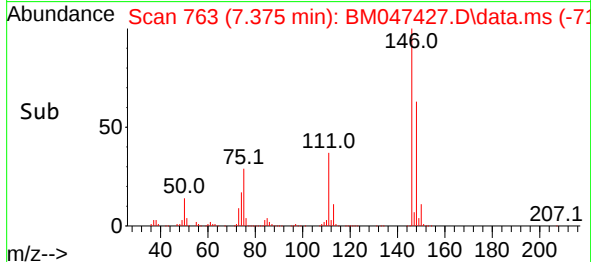
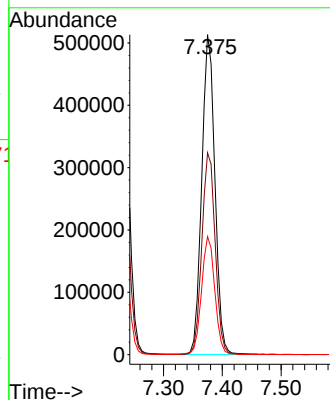
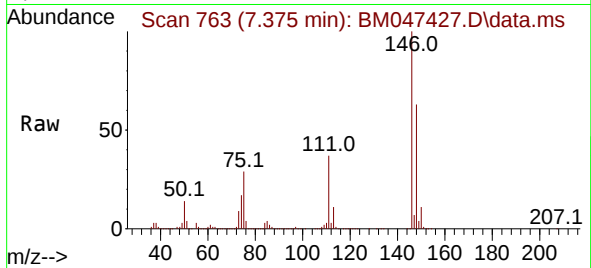




#13
1,4-Dichlorobenzene
Concen: 43.640 ng
RT: 7.375 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

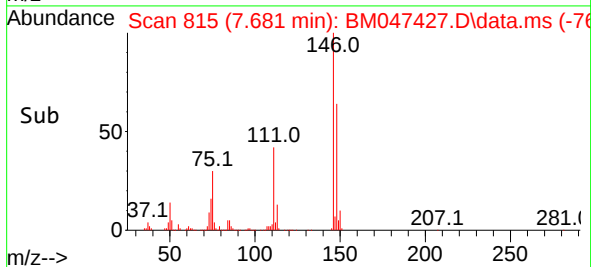
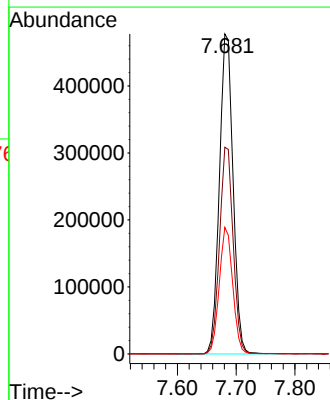
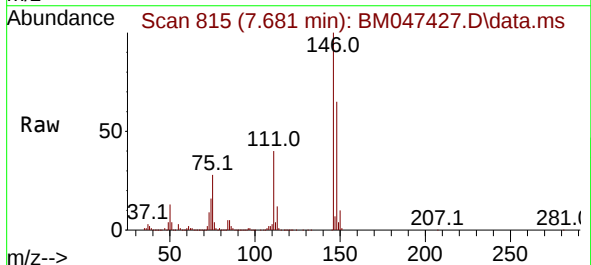
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

Tgt Ion:146 Resp: 798314
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.6
111 36.9 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 44.511 ng
RT: 7.681 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:146 Resp: 771651
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
111 39.5 31.7 47.5

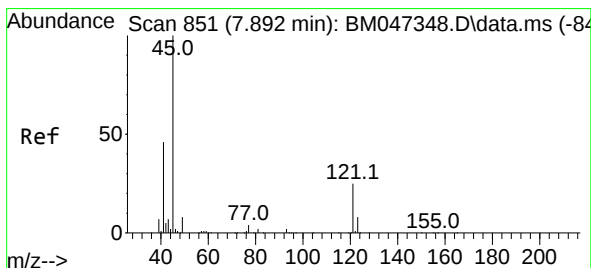
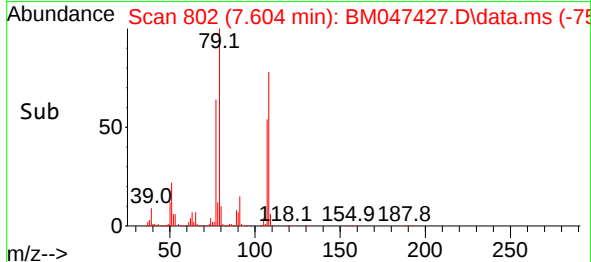
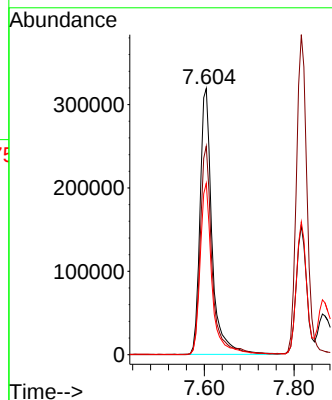
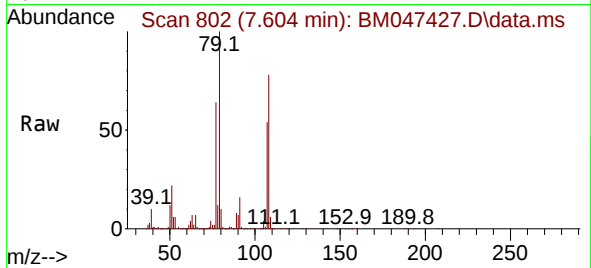




#15
Benzyl Alcohol
Concen: 47.481 ng
RT: 7.604 min Scan# 802
Delta R.T. 0.000 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

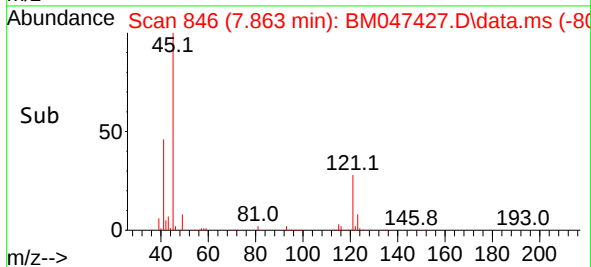
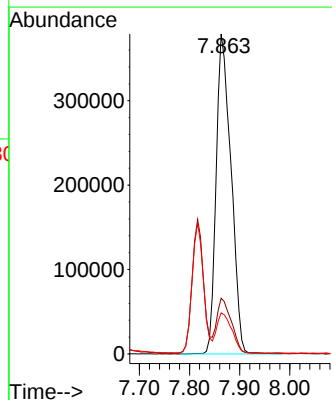
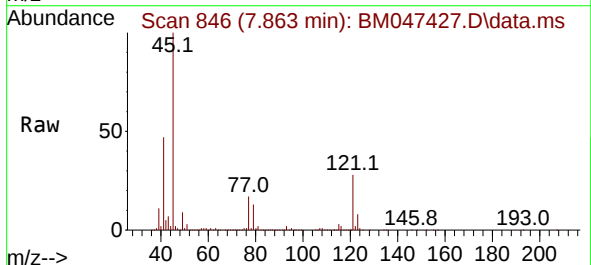
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

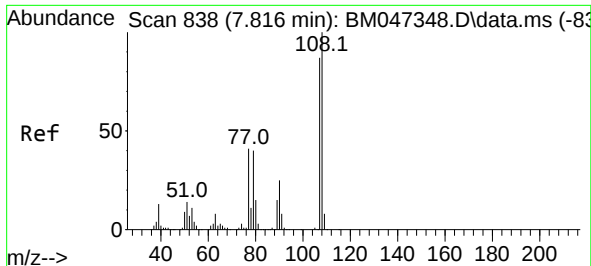
Tgt Ion: 79 Resp: 591796
Ion Ratio Lower Upper
79 100
108 78.3 61.1 91.7
77 64.4 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.475 ng
RT: 7.863 min Scan# 846
Delta R.T. -0.029 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion: 45 Resp: 780665
Ion Ratio Lower Upper
45 100
77 17.4 0.0 36.7
79 12.9 0.0 33.0

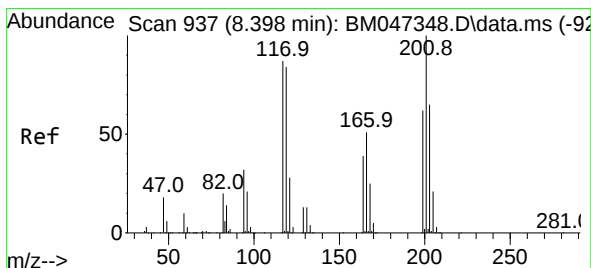
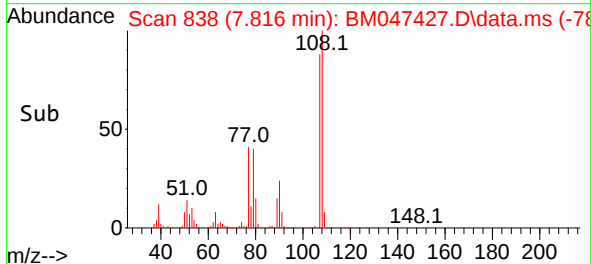
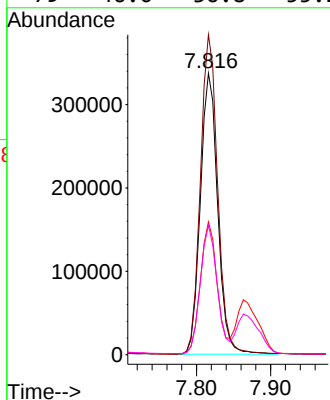
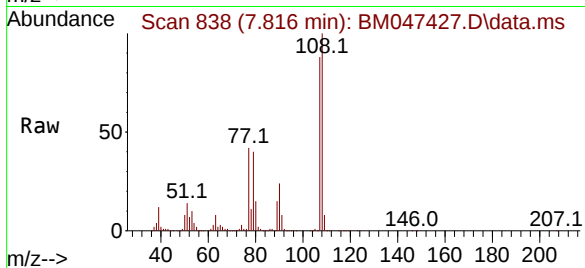




#17
2-Methylphenol
Concen: 44.604 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

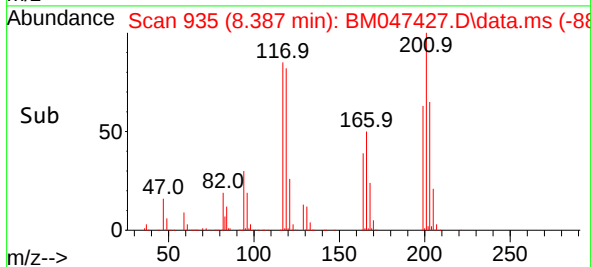
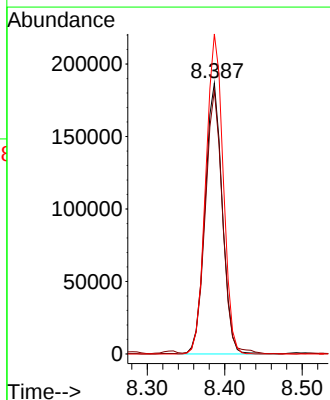
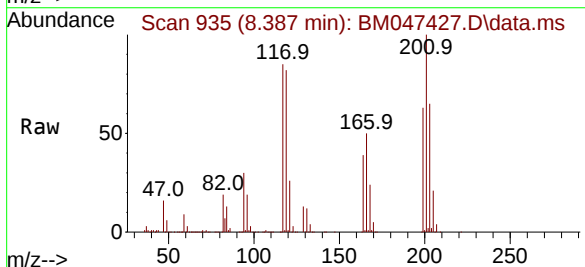
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

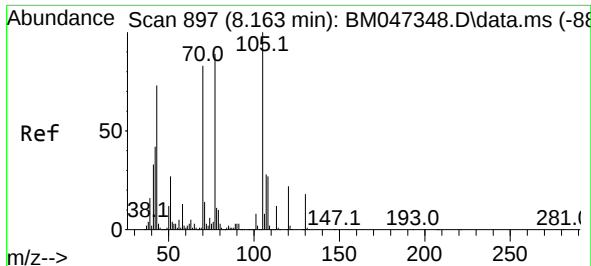
Tgt Ion:	107	Resp:	548147
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.6	137.4
77	47.2	38.0	57.0
79	46.0	36.8	55.2



#18
Hexachloroethane
Concen: 42.203 ng
RT: 8.387 min Scan# 935
Delta R.T. -0.012 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:	117	Resp:	288605
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.8	116.8
201	118.2	92.3	138.5



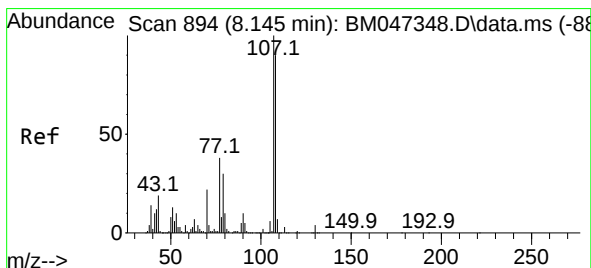
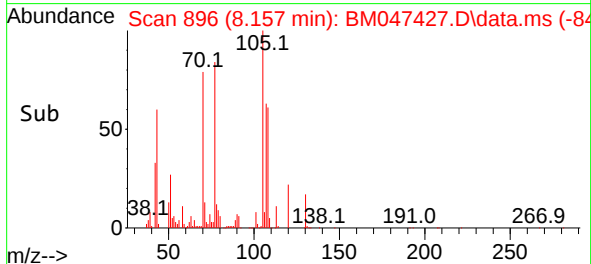
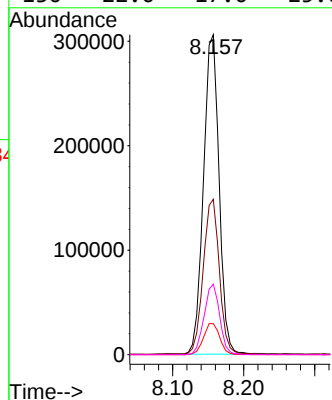
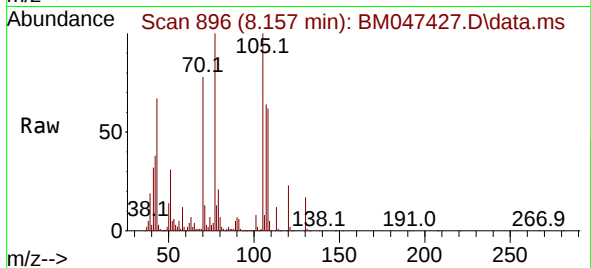


#19
n-Nitroso-di-n-propylamine
Concen: 37.930 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

Tgt Ion: 70 Resp: 468753

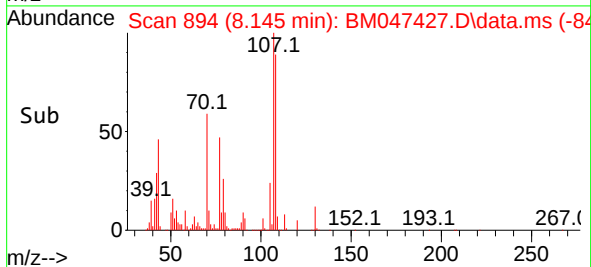
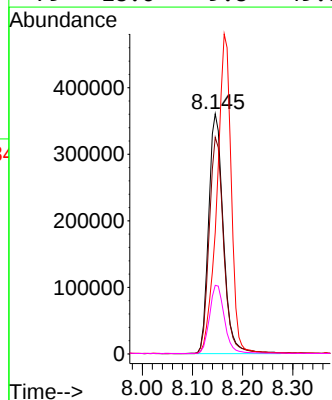
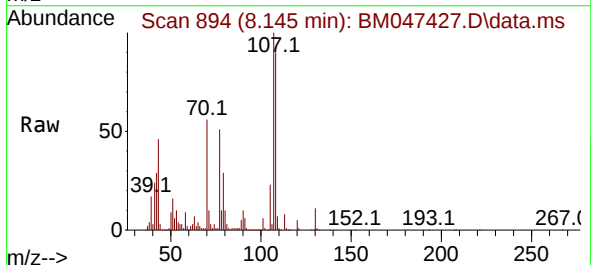
Ion	Ratio	Lower	Upper
70	100		
42	48.5	41.0	61.4
101	9.7	7.9	11.9
130	22.0	17.0	25.6

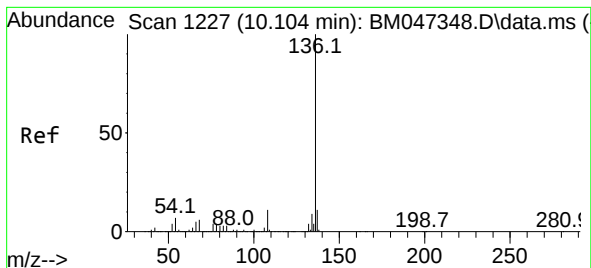


#20
3+4-Methylphenols
Concen: 42.984 ng
RT: 8.145 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion: 107 Resp: 734444

Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.8	109.8
77	50.6	18.0	58.0
79	28.6	9.8	49.8

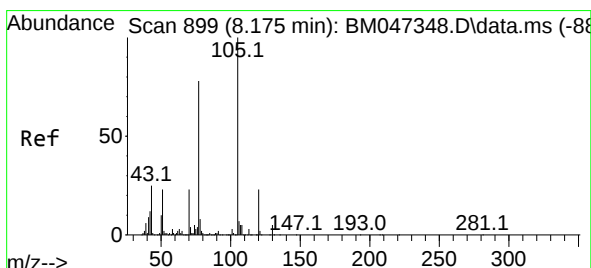
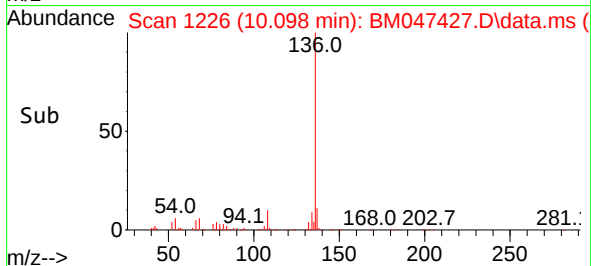
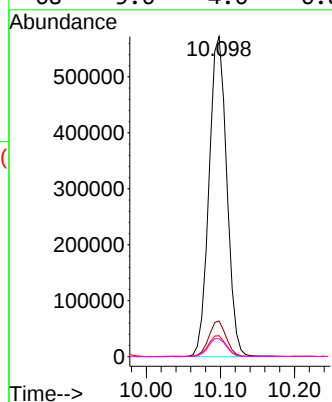
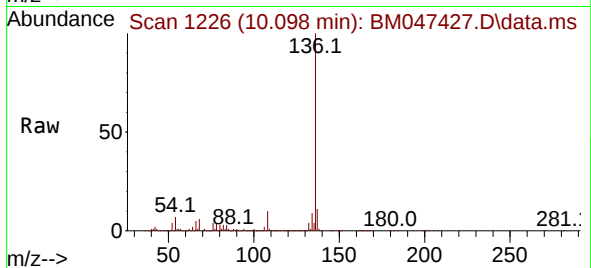




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

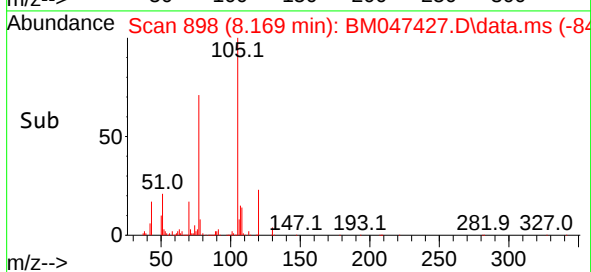
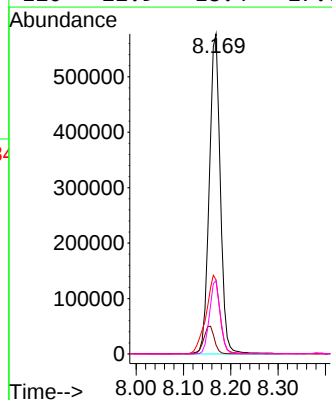
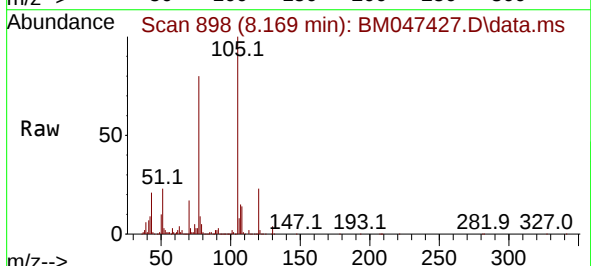
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

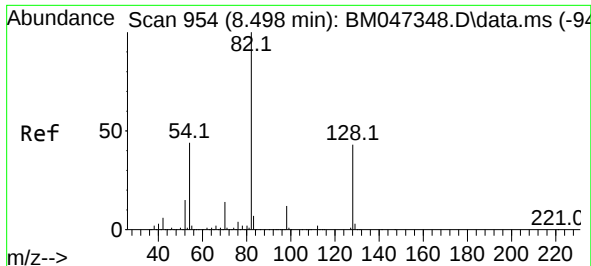
Tgt Ion:	136	Resp:	952481
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	6.5	5.2	7.8
68	5.6	4.6	6.8



#22
Acetophenone
Concen: 42.336 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:	105	Resp:	935846
Ion Ratio	Lower	Upper	
105	100		
71	2.8	3.1	4.7#
51	23.1	18.7	28.1
120	22.9	18.4	27.6

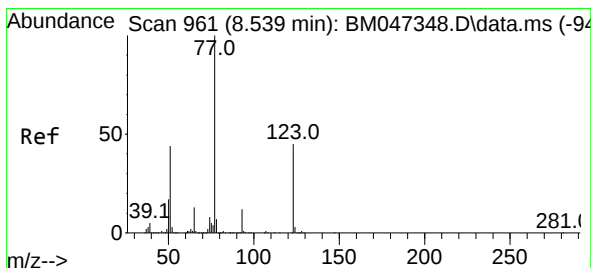
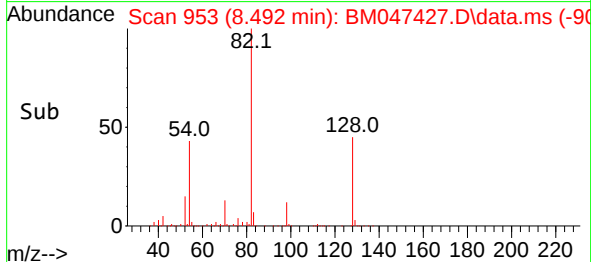
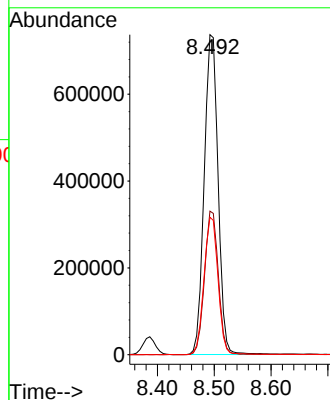
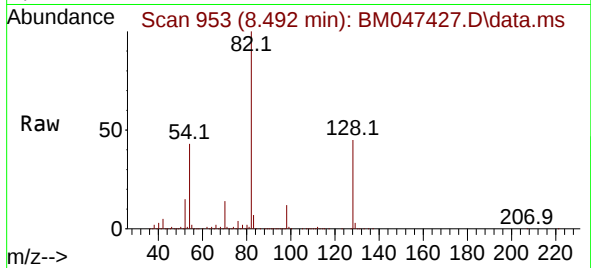




#23
Nitrobenzene-d5
Concen: 72.877 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

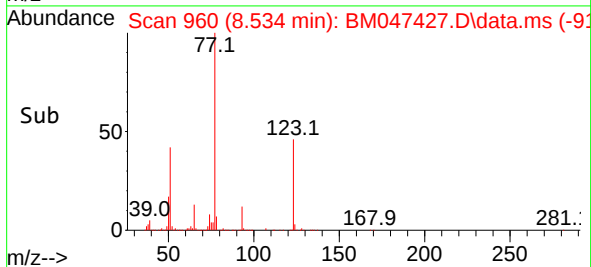
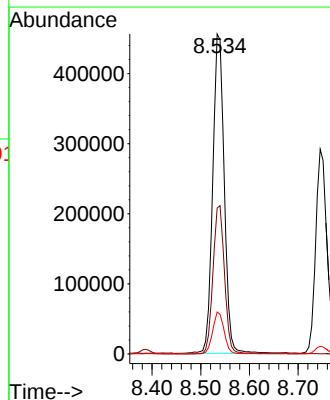
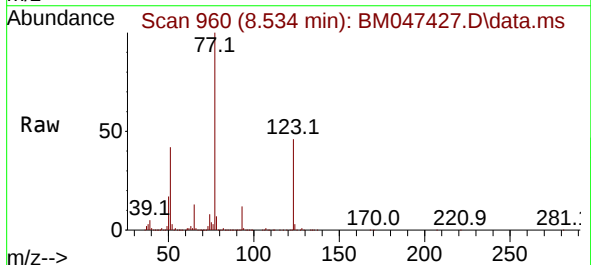
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

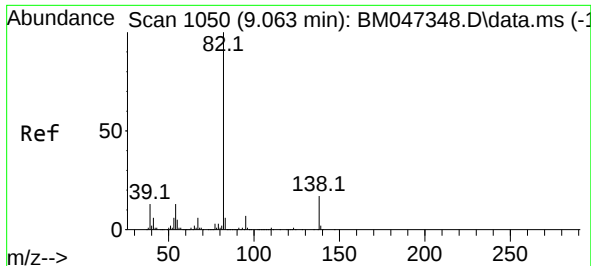
Tgt Ion: 82 Resp: 1251019
Ion Ratio Lower Upper
82 100
128 44.9 34.6 51.8
54 42.9 35.5 53.3



#24
Nitrobenzene
Concen: 42.267 ng
RT: 8.534 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion: 77 Resp: 746227
Ion Ratio Lower Upper
77 100
123 45.6 35.6 53.4
65 13.1 10.5 15.7





#25

Isophorone

Concen: 42.045 ng

RT: 9.057 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

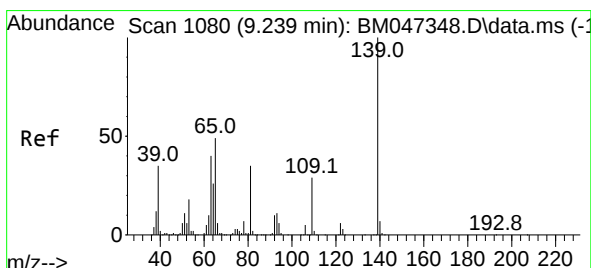
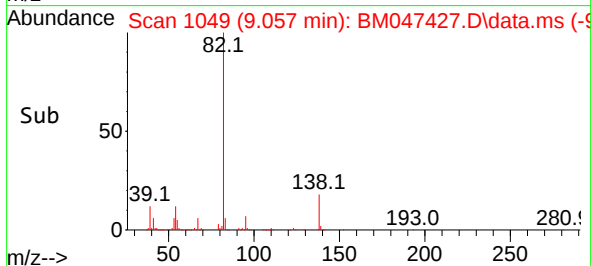
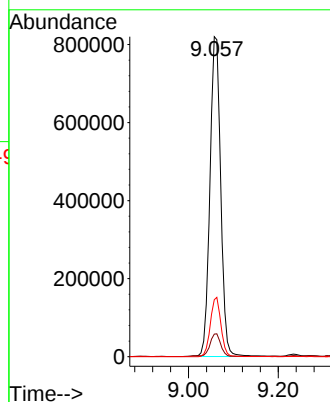
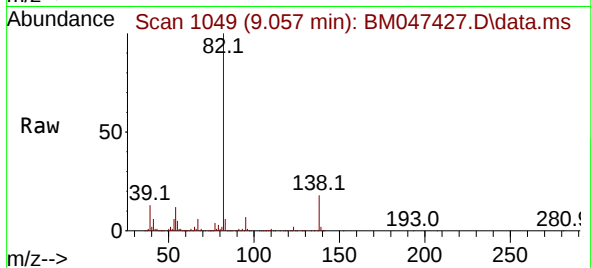
Tgt Ion: 82 Resp: 1364137

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 17.8 13.9 20.9



#26

2-Nitrophenol

Concen: 46.754 ng

RT: 9.234 min Scan# 1079

Delta R.T. -0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

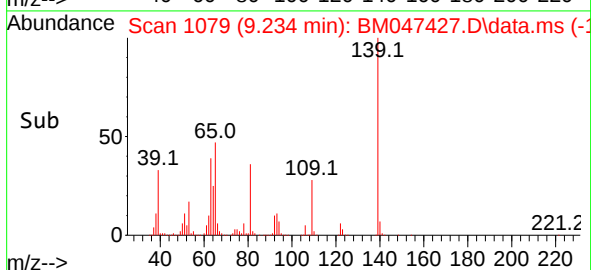
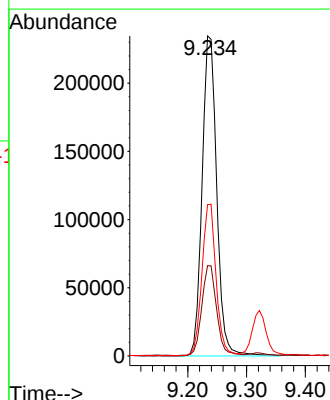
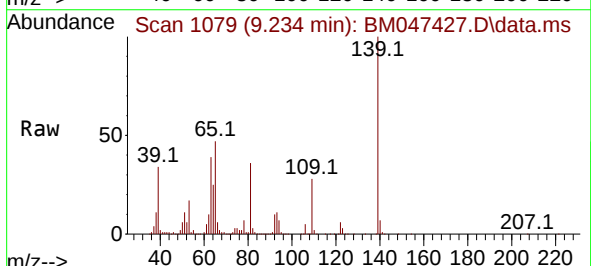
Tgt Ion:139 Resp: 406022

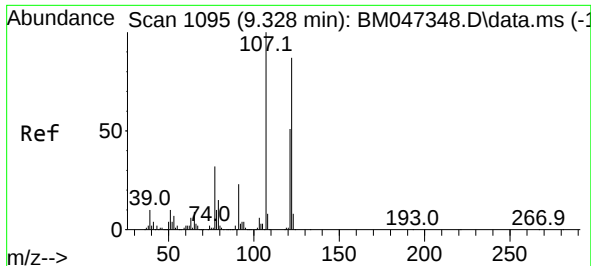
Ion Ratio Lower Upper

139 100

109 28.2 23.4 35.0

65 47.3 39.6 59.4

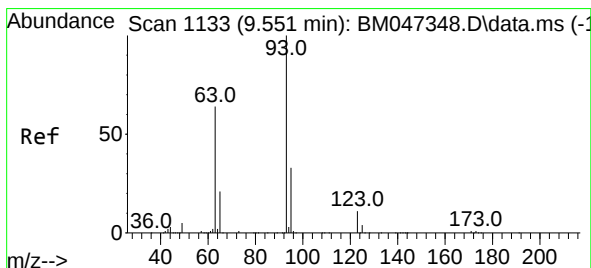
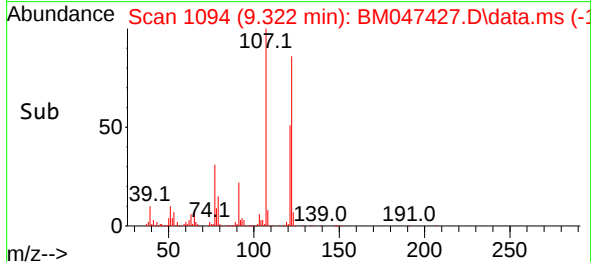
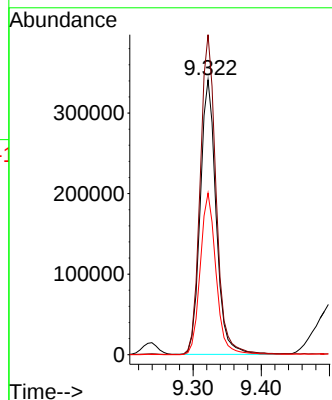
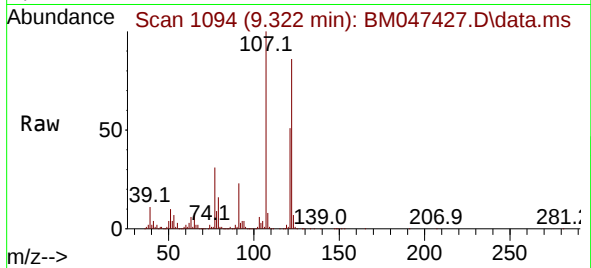




#27
2,4-Dimethylphenol
Concen: 56.473 ng
RT: 9.322 min Scan# 1094
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

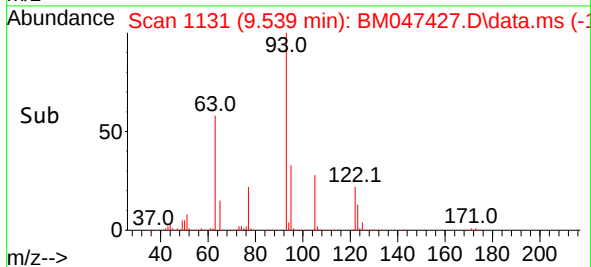
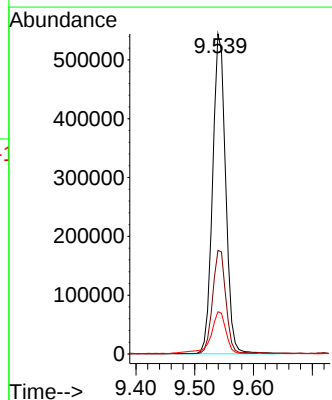
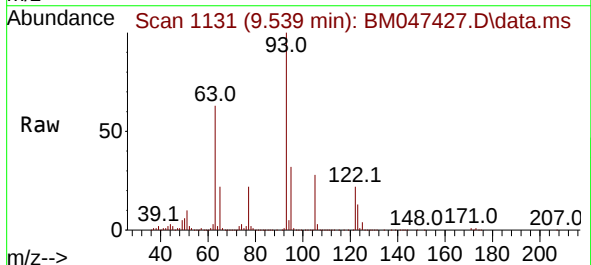
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

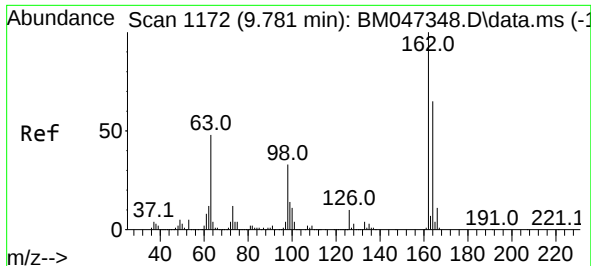
Tgt Ion:122 Resp: 553573
Ion Ratio Lower Upper
122 100
107 116.4 91.9 137.9
121 58.8 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.109 ng
RT: 9.539 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion: 93 Resp: 836614
Ion Ratio Lower Upper
93 100
95 32.4 26.6 39.8
123 13.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 48.930 ng

RT: 9.781 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

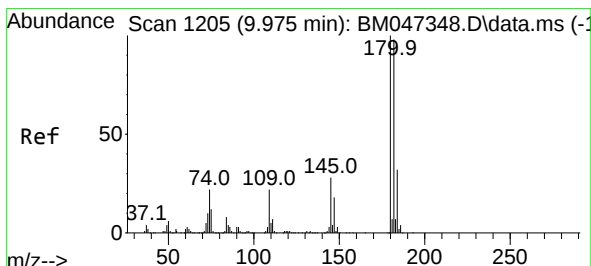
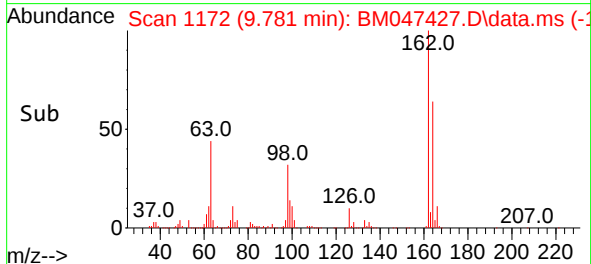
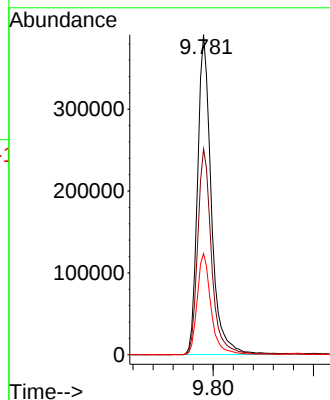
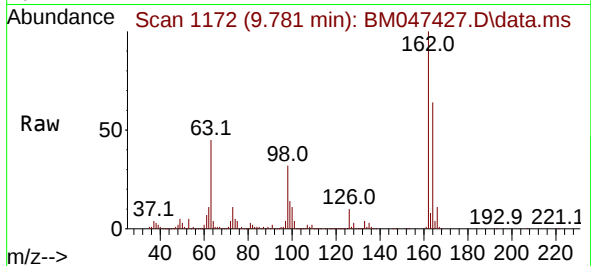
Tgt Ion:162 Resp: 744025

Ion Ratio Lower Upper

162 100

164 64.3 44.6 84.6

98 31.6 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 45.038 ng

RT: 9.969 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

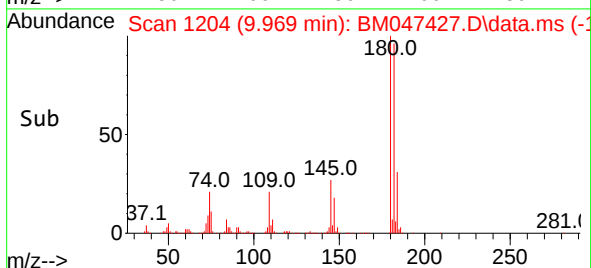
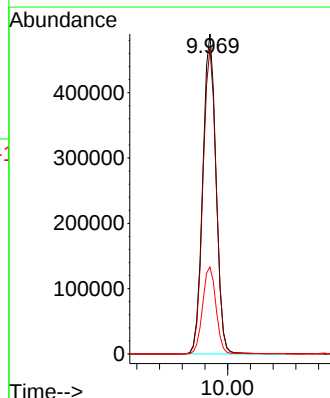
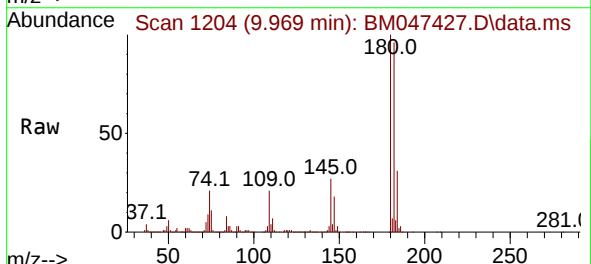
Tgt Ion:180 Resp: 791020

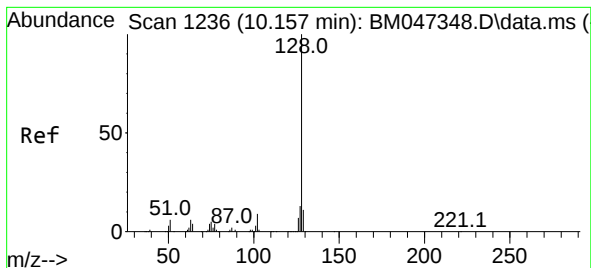
Ion Ratio Lower Upper

180 100

182 95.5 78.2 117.2

145 27.2 22.3 33.5





#31

Naphthalene

Concen: 44.060 ng

RT: 10.145 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

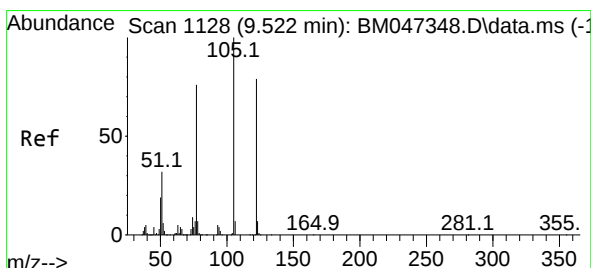
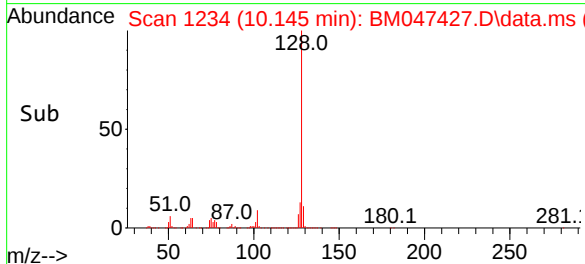
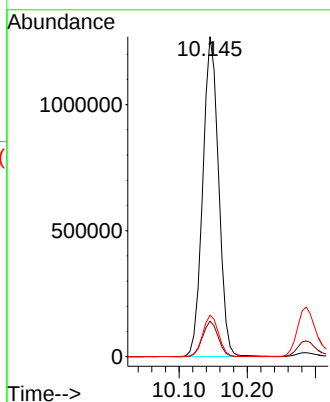
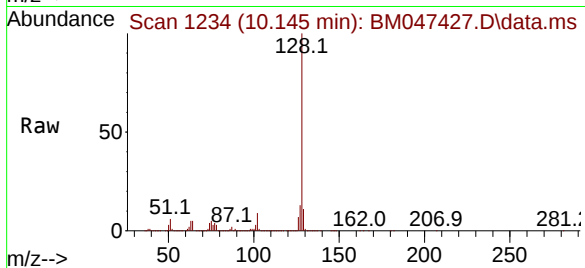
Tgt Ion:128 Resp: 2049723

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 38.934 ng

RT: 9.545 min Scan# 1132

Delta R.T. 0.023 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

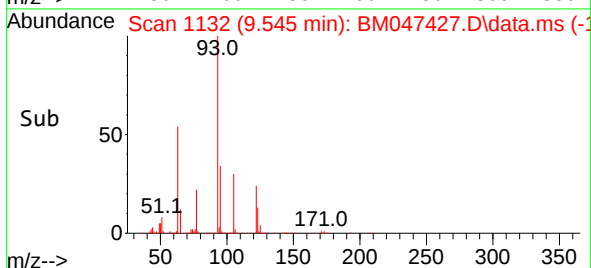
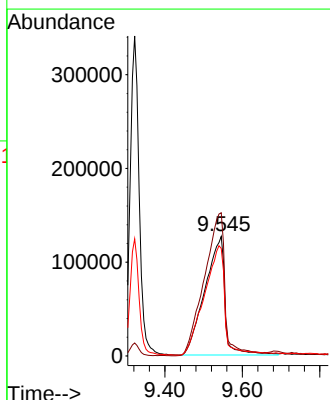
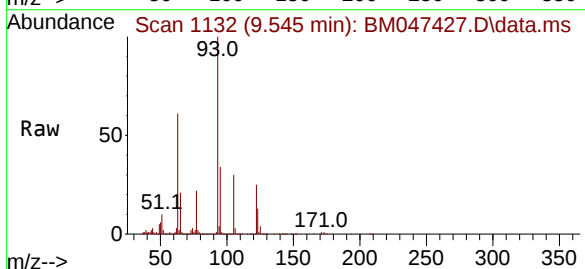
Tgt Ion:122 Resp: 455725

Ion Ratio Lower Upper

122 100

105 119.8 106.0 146.0

77 90.0 76.3 116.3





#33

4-Chloroaniline

Concen: 23.459 ng

RT: 10.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

Tgt Ion:127 Resp: 405787

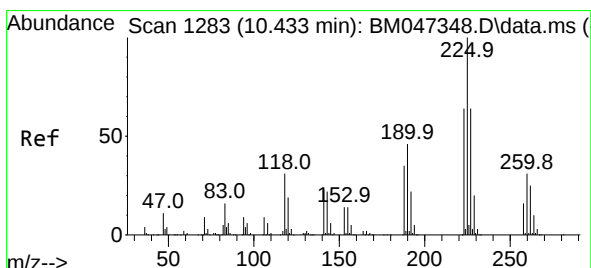
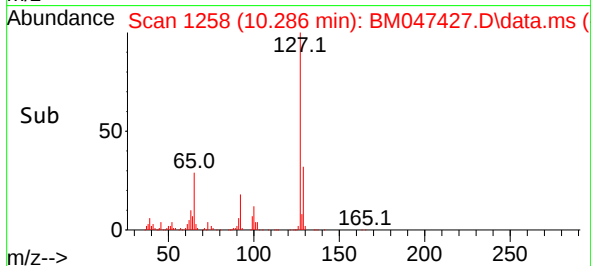
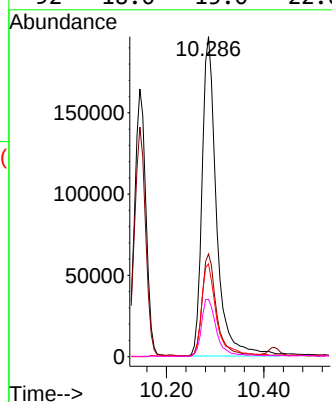
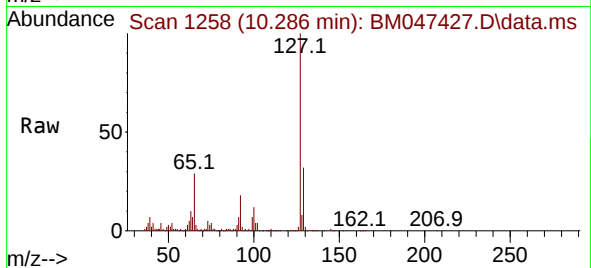
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.8

65 29.0 24.2 36.2

92 18.0 15.0 22.6



#34

Hexachlorobutadiene

Concen: 47.461 ng

RT: 10.422 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

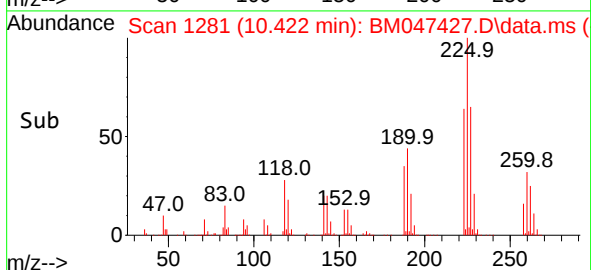
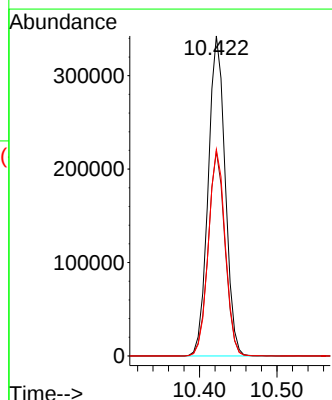
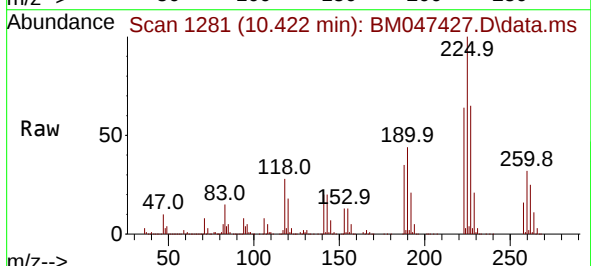
Tgt Ion:225 Resp: 520597

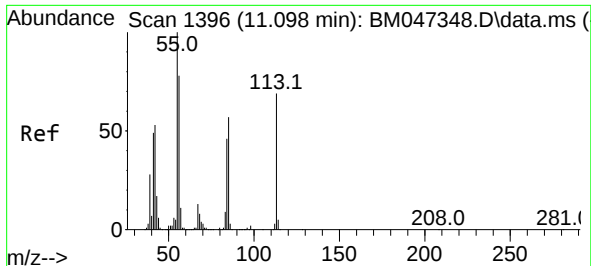
Ion Ratio Lower Upper

225 100

223 63.9 51.1 76.7

227 64.6 51.0 76.6

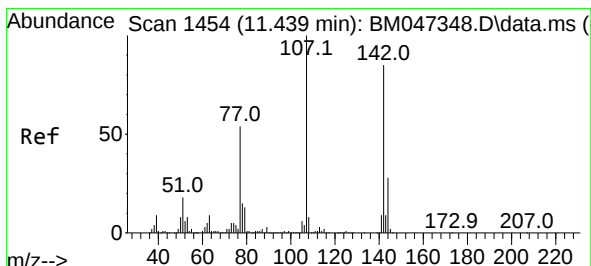
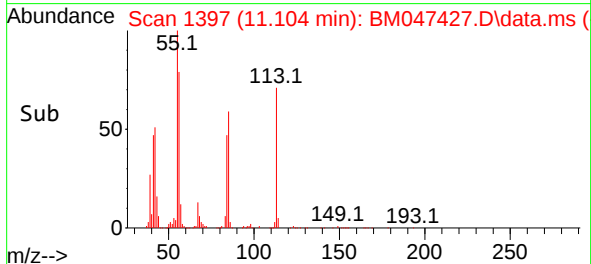
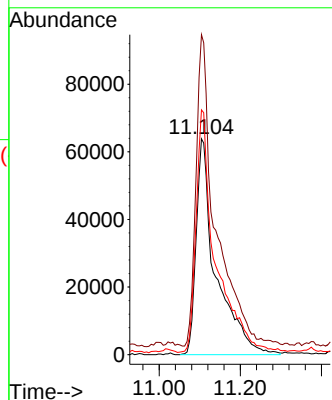
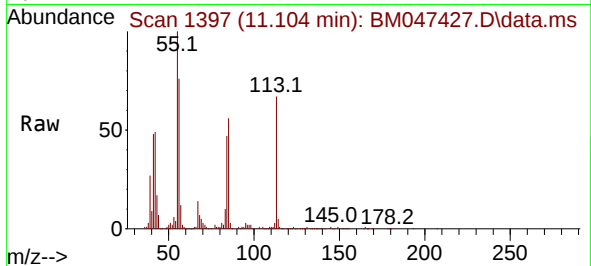




#35
Caprolactam
Concen: 43.822 ng
RT: 11.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

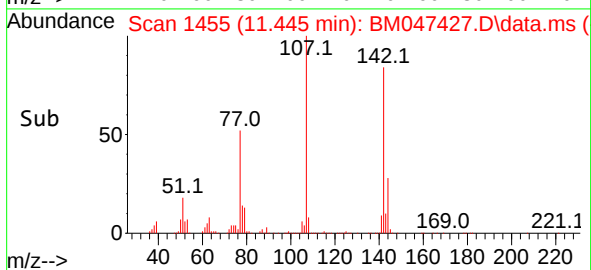
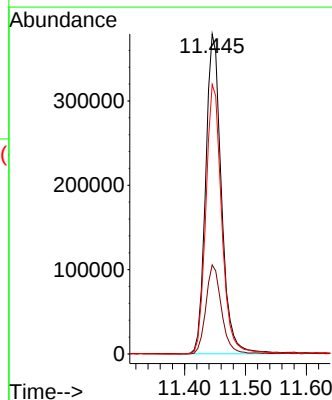
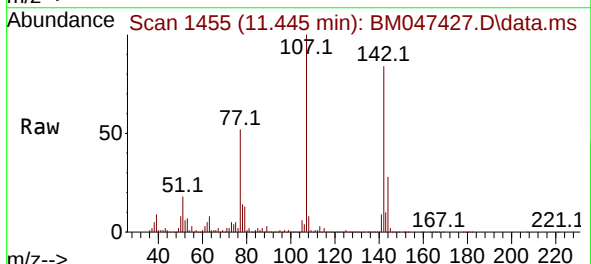
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

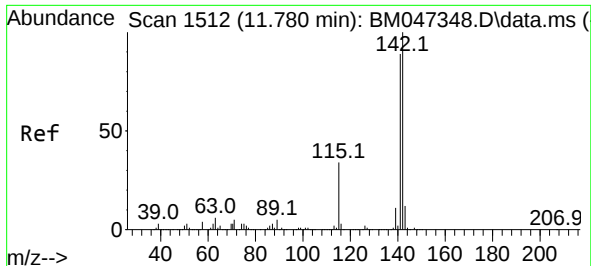
Tgt Ion:113 Resp: 215862
Ion Ratio Lower Upper
113 100
55 148.2 126.2 166.2
56 113.4 93.2 133.2



#36
4-Chloro-3-methylphenol
Concen: 44.058 ng
RT: 11.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:107 Resp: 680336
Ion Ratio Lower Upper
107 100
144 27.8 22.2 33.4
142 84.2 67.7 101.5

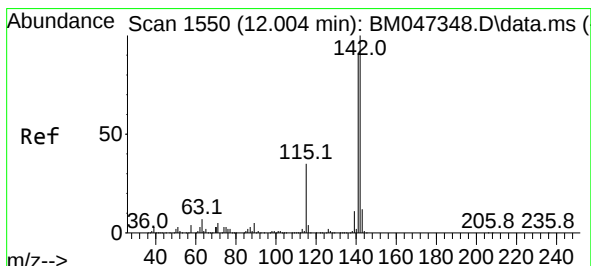
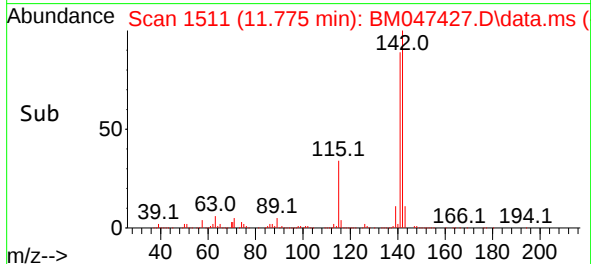
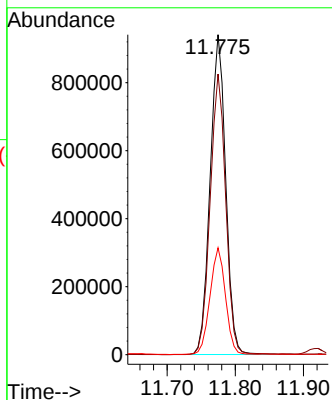
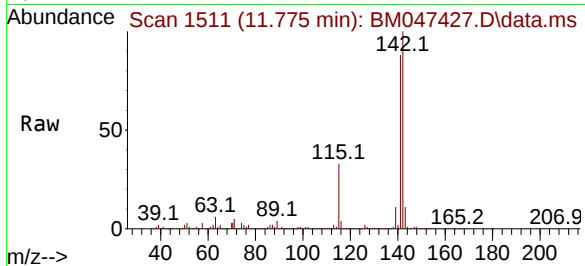




#37
2-Methylnaphthalene
Concen: 44.087 ng
RT: 11.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

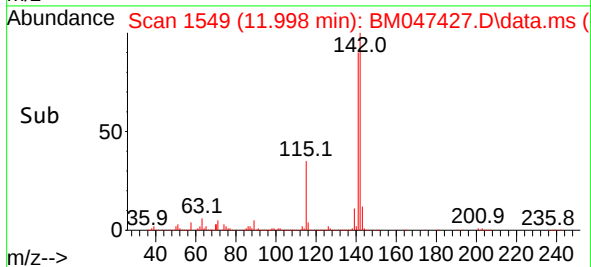
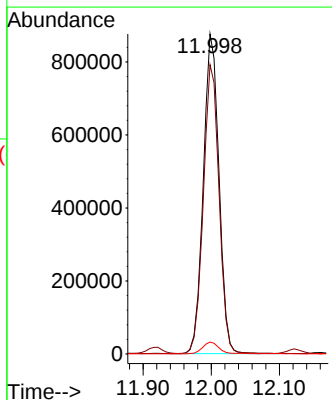
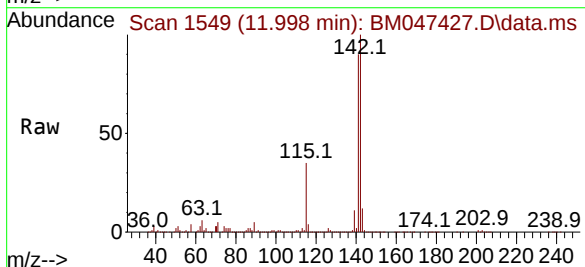
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

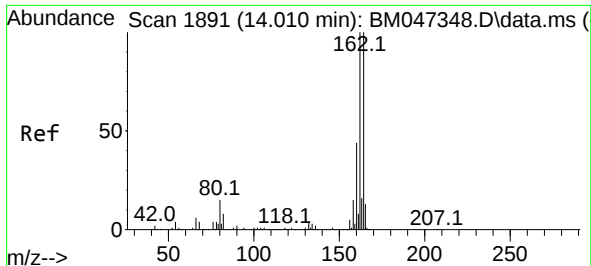
Tgt Ion:142 Resp: 1495432
Ion Ratio Lower Upper
142 100
141 87.7 70.8 106.2
115 33.4 27.5 41.3



#38
1-Methylnaphthalene
Concen: 41.726 ng
RT: 11.998 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:142 Resp: 1399817
Ion Ratio Lower Upper
142 100
141 90.4 72.9 109.3
116 3.7 3.0 4.6

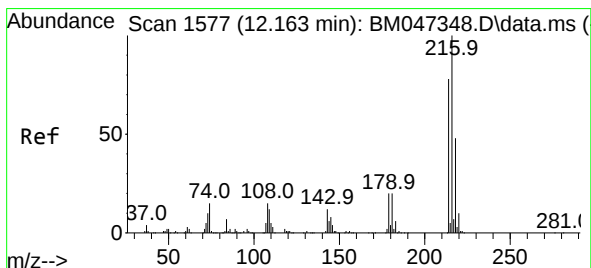
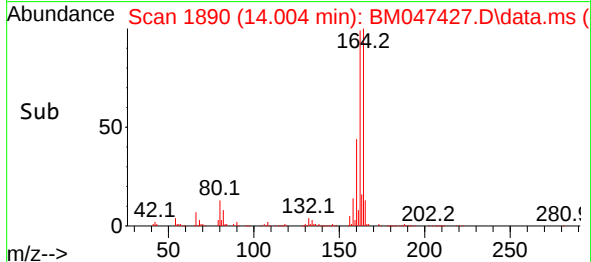
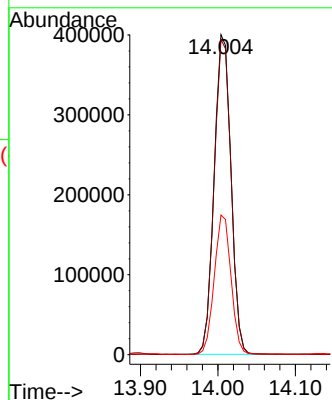
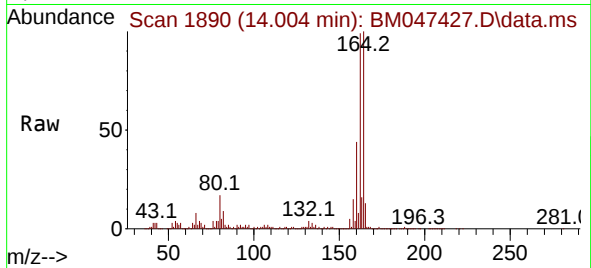




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

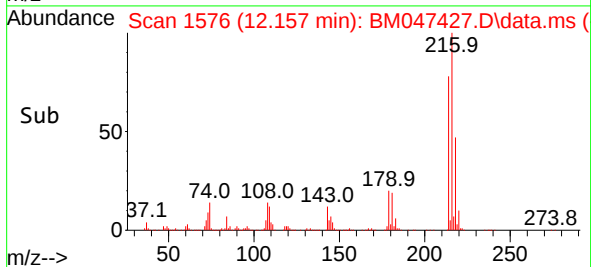
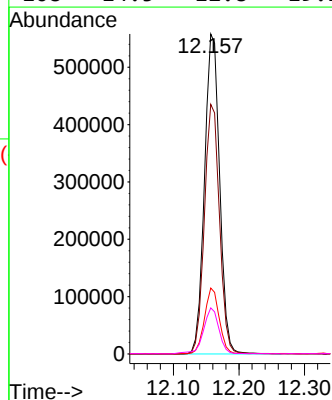
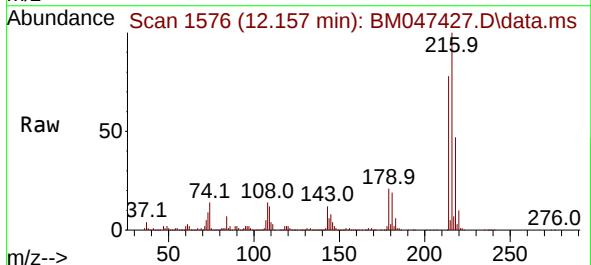
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

Tgt Ion:164 Resp: 603534
Ion Ratio Lower Upper
164 100
162 98.5 79.7 119.5
160 43.7 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.201 ng
RT: 12.157 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:216 Resp: 897180
Ion Ratio Lower Upper
216 100
214 77.9 62.6 94.0
179 19.9 16.6 24.8
108 14.5 12.8 19.2

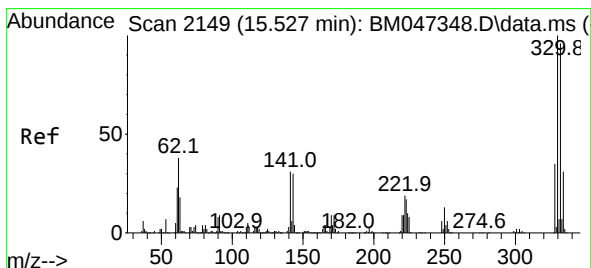
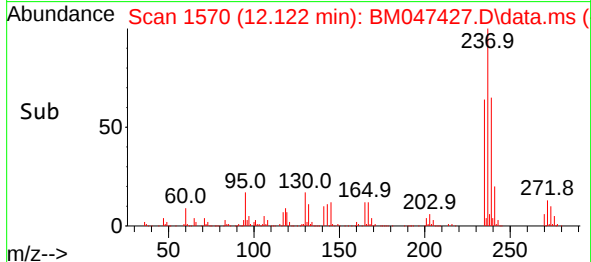
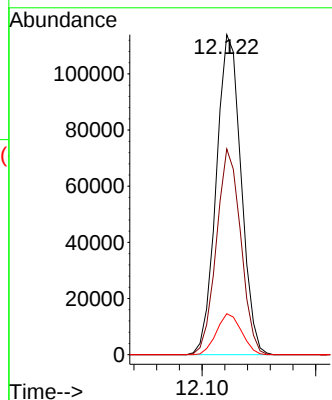
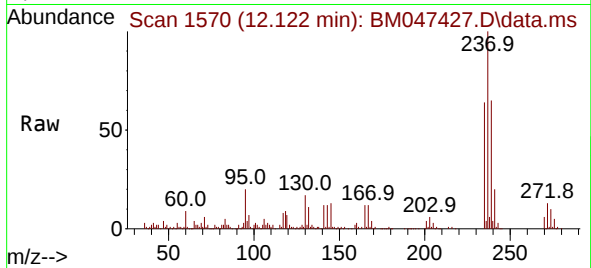




#41
Hexachlorocyclopentadiene
Concen: 30.696 ng
RT: 12.122 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

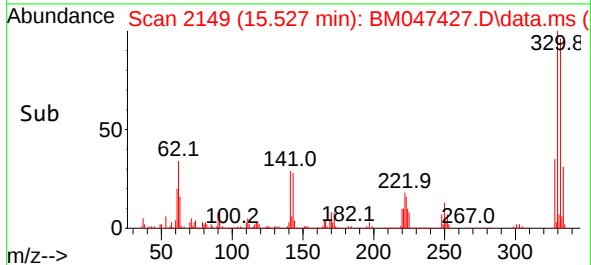
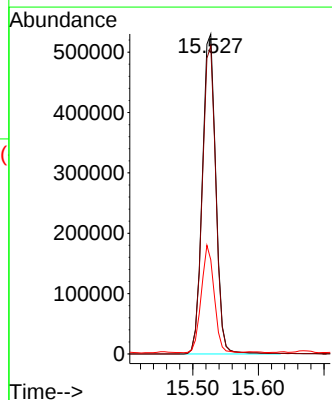
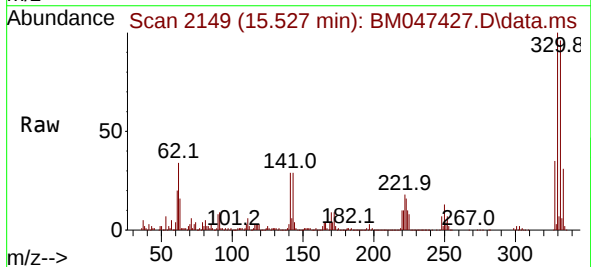
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

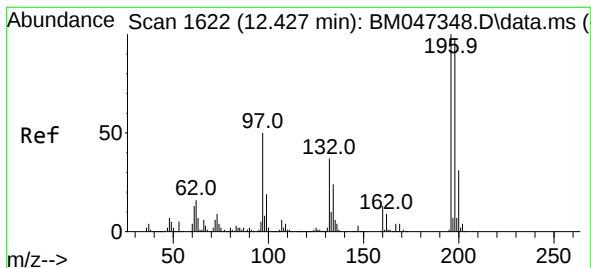
Tgt Ion:237 Resp: 173141
Ion Ratio Lower Upper
237 100
235 64.3 42.1 82.1
272 12.8 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 104.541 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:330 Resp: 761222
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 31.9 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 49.653 ng

RT: 12.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

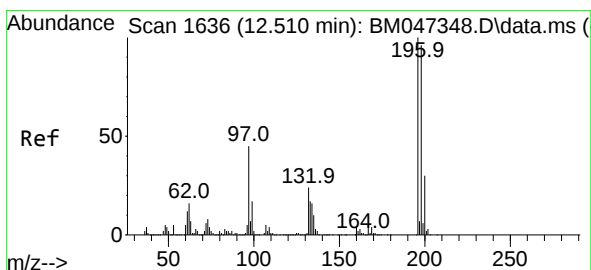
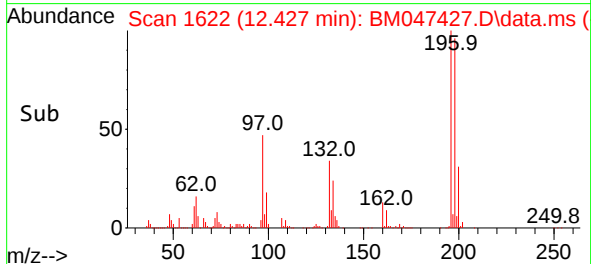
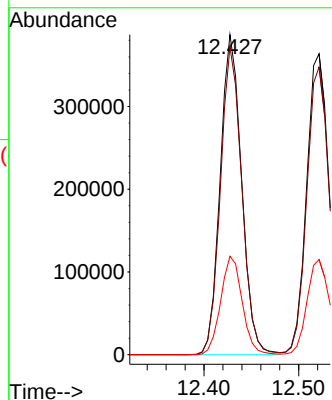
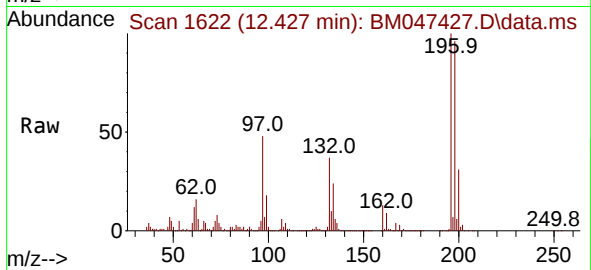
Tgt Ion:196 Resp: 608322

Ion Ratio Lower Upper

196 100

198 96.1 78.2 117.2

200 30.8 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 47.256 ng

RT: 12.522 min Scan# 1638

Delta R.T. 0.012 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Tgt Ion:196 Resp: 642966

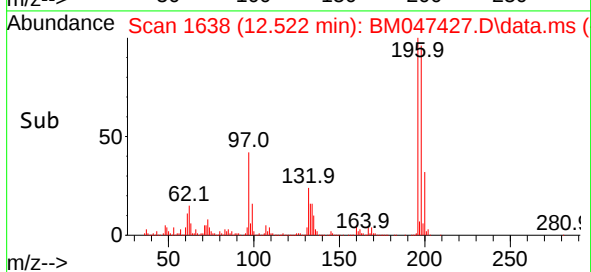
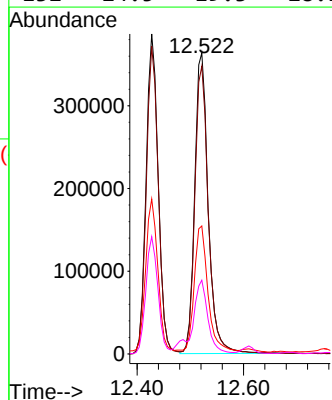
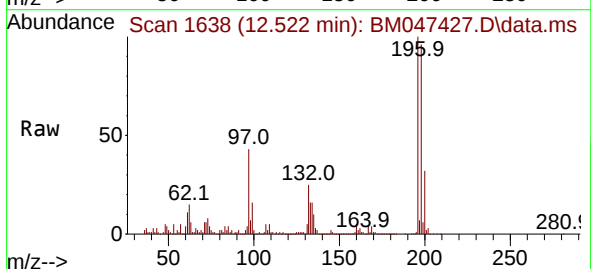
Ion Ratio Lower Upper

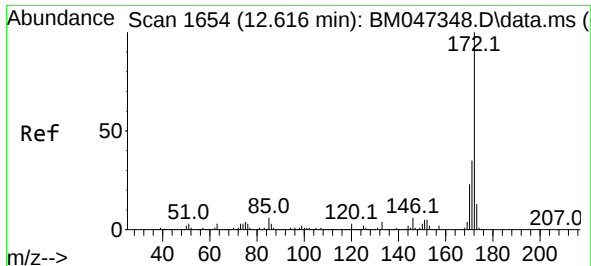
196 100

198 95.6 76.6 115.0

97 42.5 35.9 53.9

132 24.5 19.3 28.9

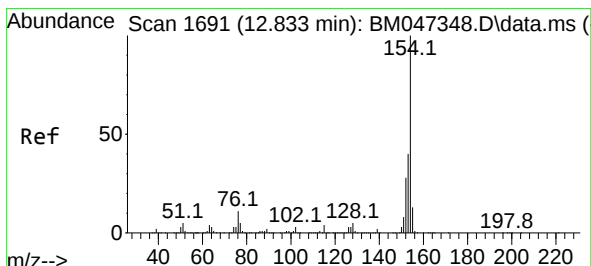
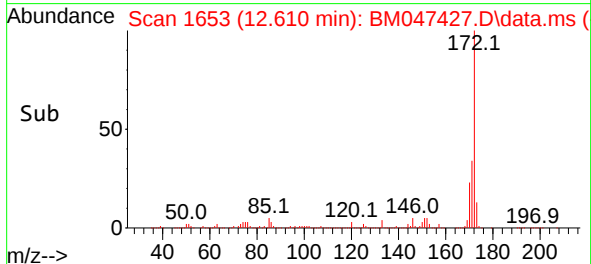
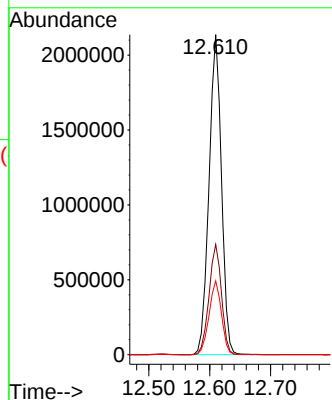
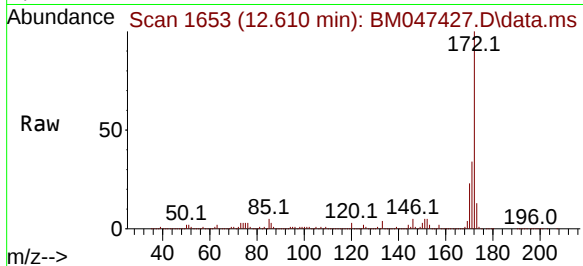




#45
2-Fluorobiphenyl
Concen: 77.156 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

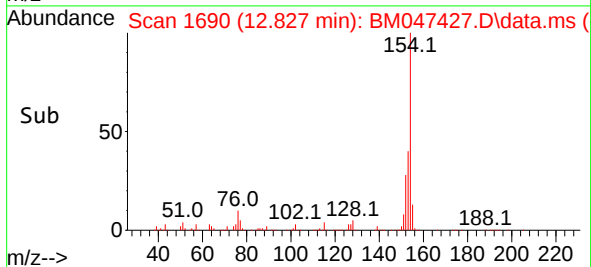
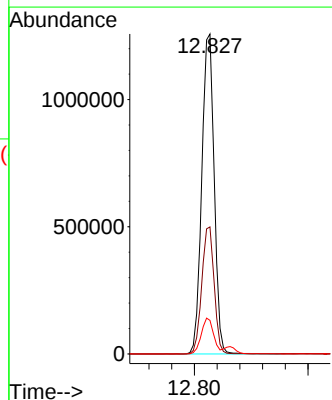
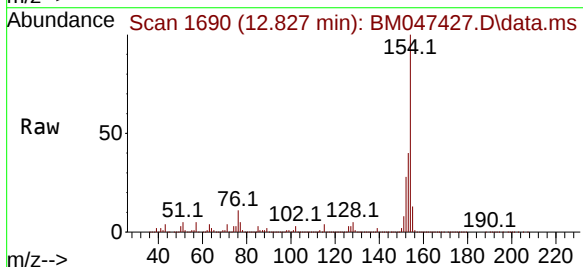
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

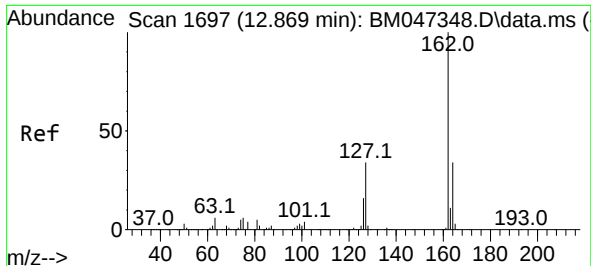
Tgt Ion:172 Resp: 3030688
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.1 18.5 27.7



#46
1,1'-Biphenyl
Concen: 45.263 ng
RT: 12.827 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:154 Resp: 1907470
Ion Ratio Lower Upper
154 100
153 39.7 20.1 60.1
76 10.5 0.0 31.2

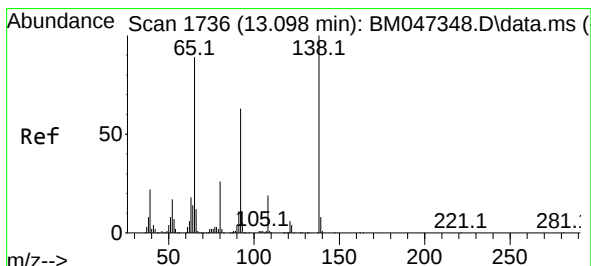
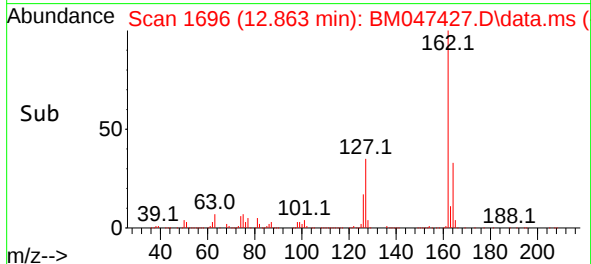
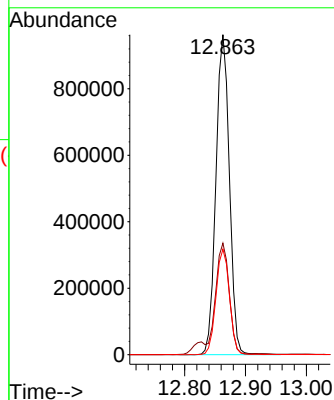
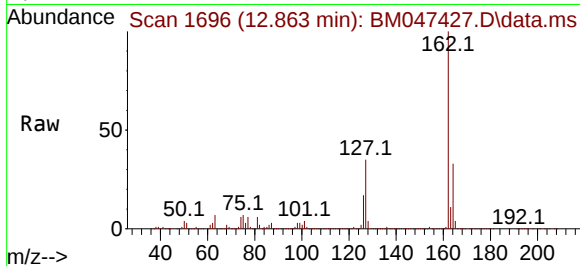




#47
2-Chloronaphthalene
Concen: 44.711 ng
RT: 12.863 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

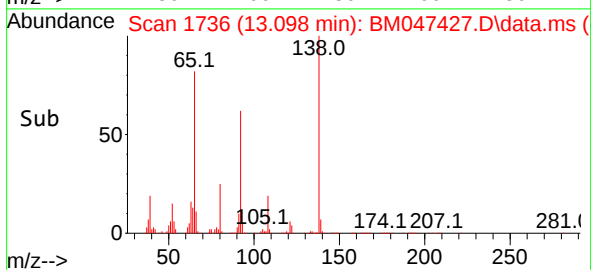
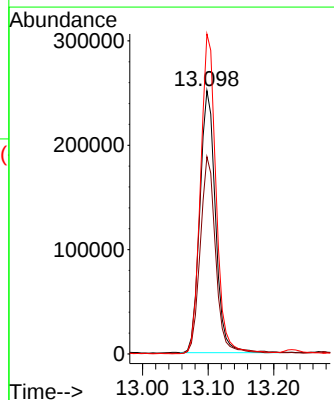
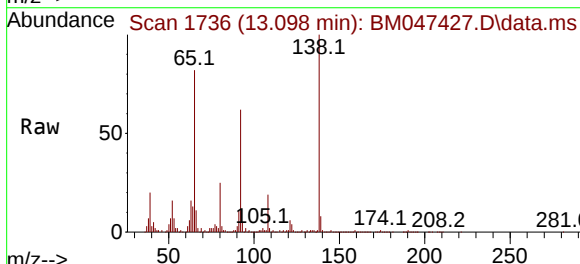
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

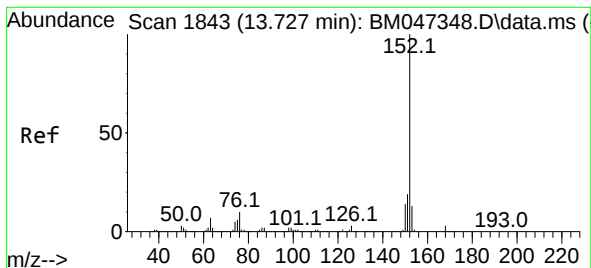
Tgt Ion:162 Resp: 1476568
Ion Ratio Lower Upper
162 100
127 34.8 28.3 42.5
164 32.9 27.0 40.4



#48
2-Nitroaniline
Concen: 45.151 ng
RT: 13.098 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion: 65 Resp: 417676
Ion Ratio Lower Upper
65 100
92 74.9 57.0 85.6
138 121.5 90.0 135.0





#49

Acenaphthylene

Concen: 49.270 ng

RT: 13.722 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

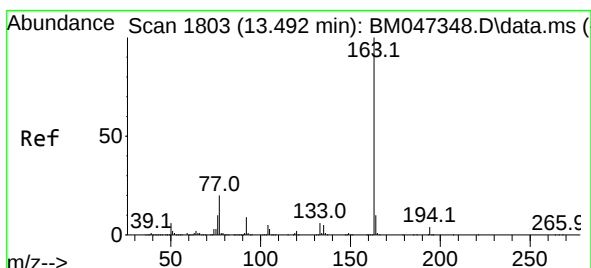
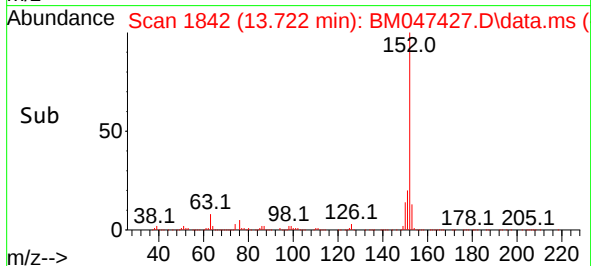
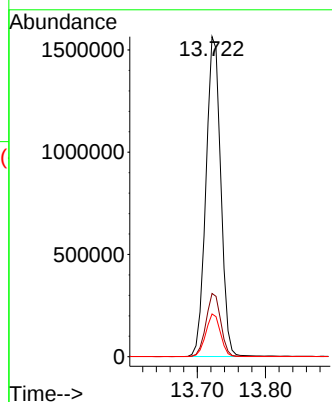
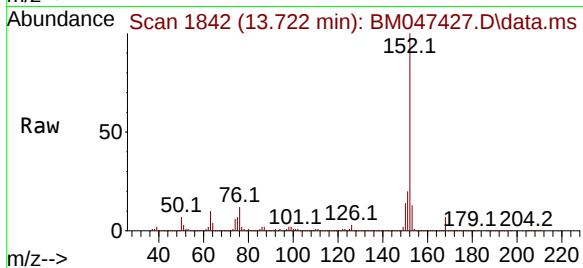
Tgt Ion:152 Resp: 2364827

Ion Ratio Lower Upper

152 100

151 19.8 15.4 23.0

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 45.204 ng

RT: 13.486 min Scan# 1802

Delta R.T. -0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

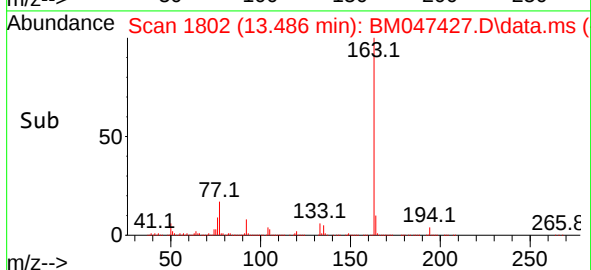
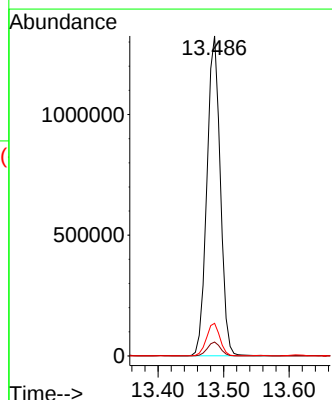
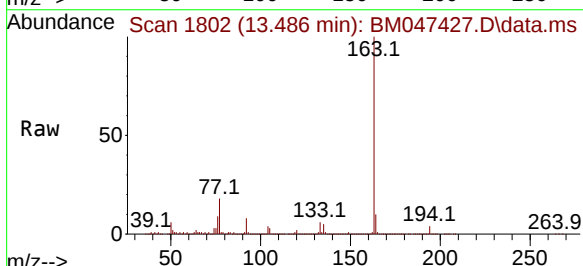
Tgt Ion:163 Resp: 1879864

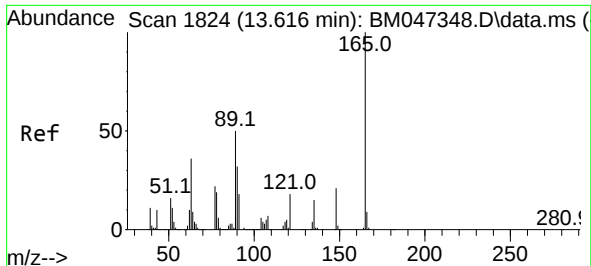
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.2 8.2 12.4

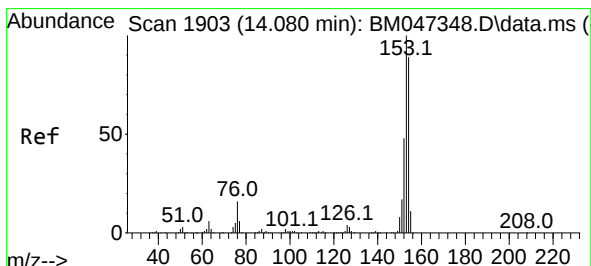
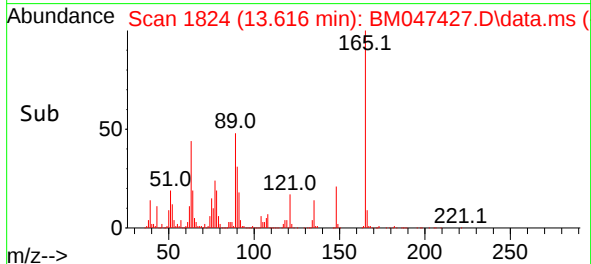
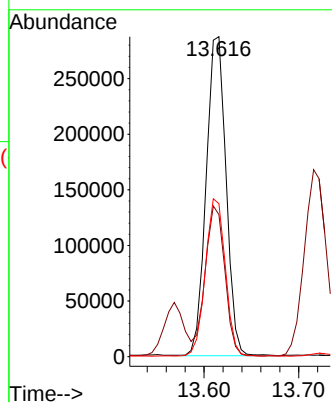
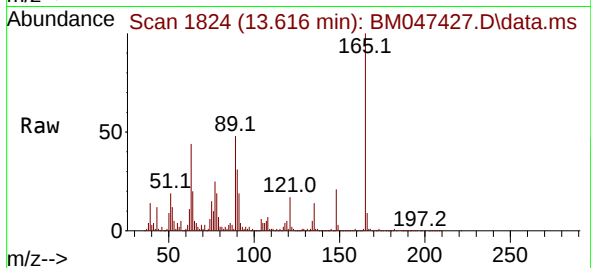




#51
2,6-Dinitrotoluene
Concen: 43.243 ng
RT: 13.616 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

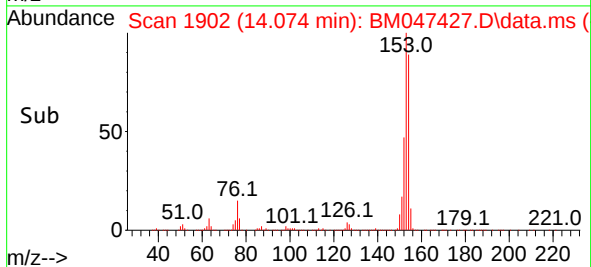
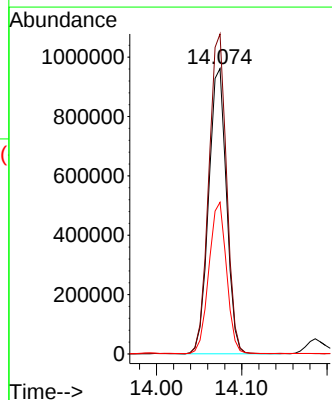
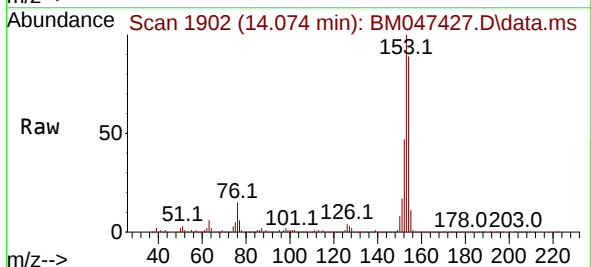
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

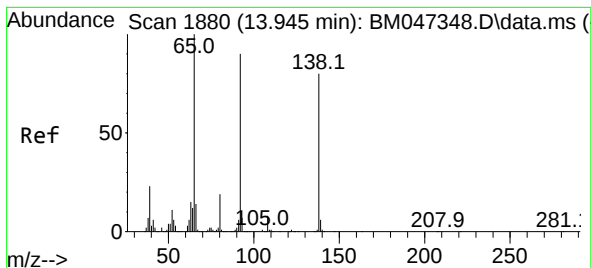
Tgt Ion:165 Resp: 418699
Ion Ratio Lower Upper
165 100
63 44.4 38.2 57.4
89 47.8 40.4 60.6



#52
Acenaphthene
Concen: 45.742 ng
RT: 14.074 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:154 Resp: 1393746
Ion Ratio Lower Upper
154 100
153 112.1 89.5 134.3
152 53.2 43.0 64.4





#53

3-Nitroaniline

Concen: 30.707 ng

RT: 13.951 min Scan# 1881

Delta R.T. 0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

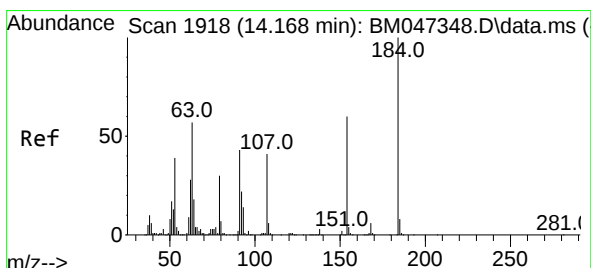
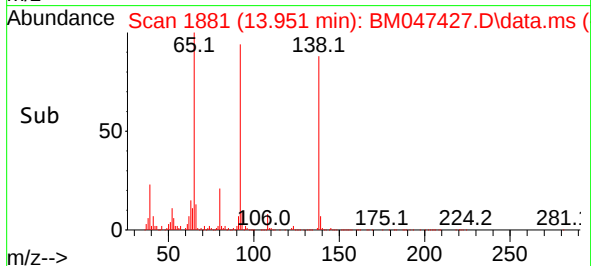
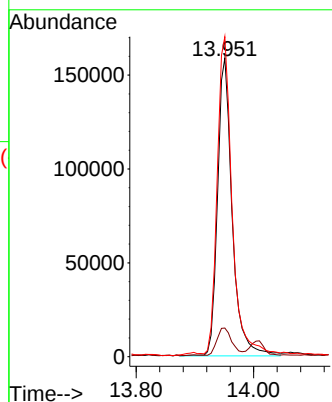
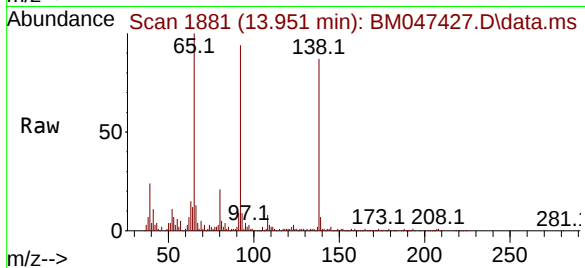
Tgt Ion:138 Resp: 274354

Ion Ratio Lower Upper

138 100

108 9.6 8.0 12.0

92 107.1 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 27.423 ng

RT: 14.186 min Scan# 1921

Delta R.T. 0.018 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

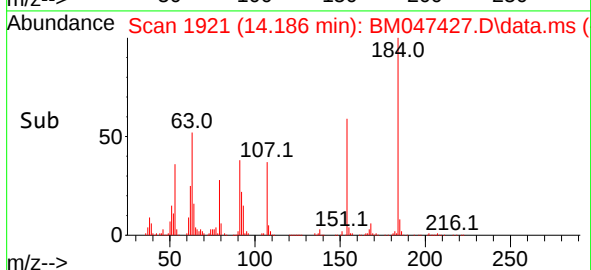
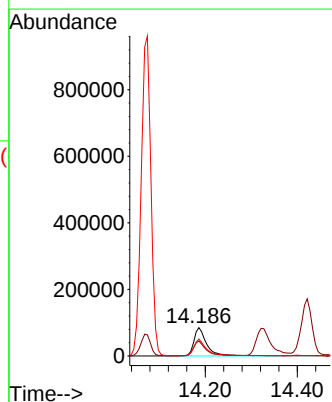
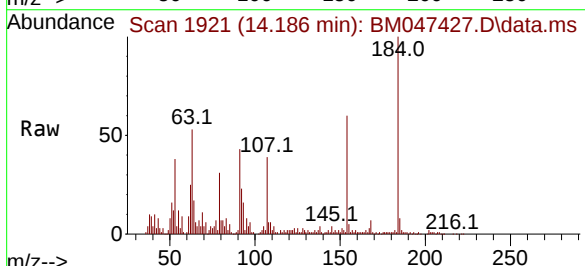
Tgt Ion:184 Resp: 163517

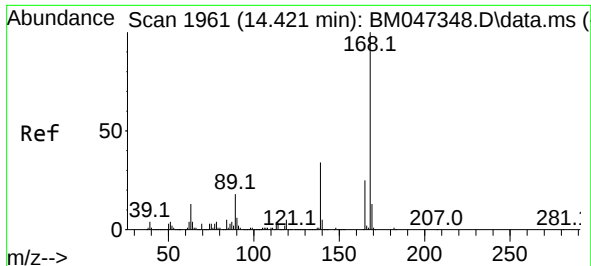
Ion Ratio Lower Upper

184 100

63 52.8 45.7 68.5

154 60.0 48.5 72.7

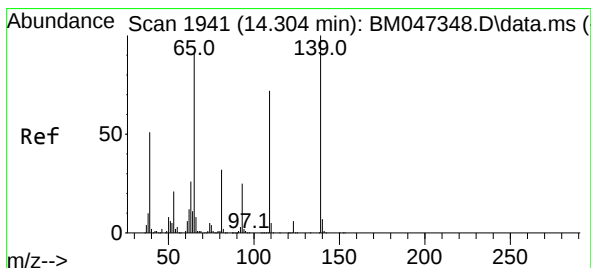
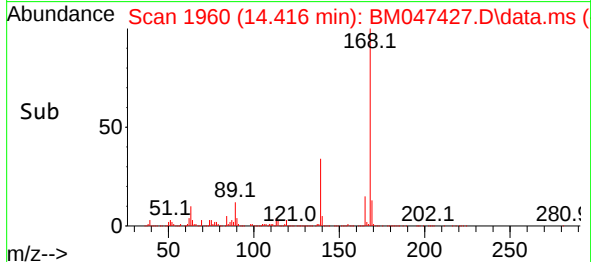
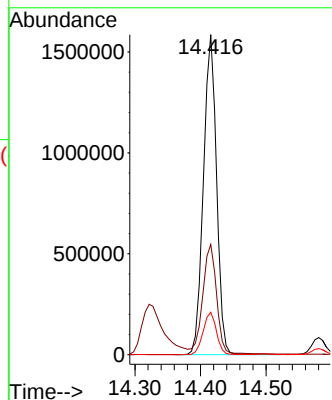
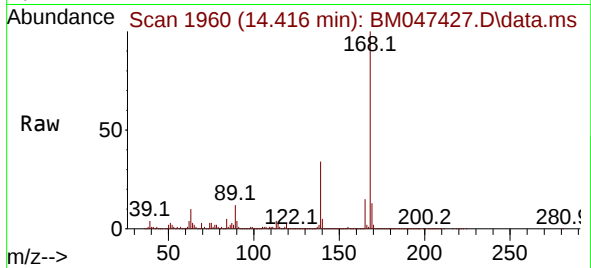




#55
Dibenzenofuran
Concen: 45.036 ng
RT: 14.416 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

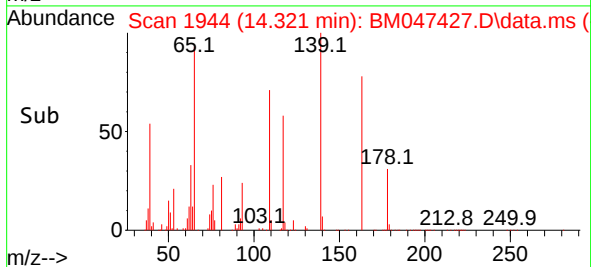
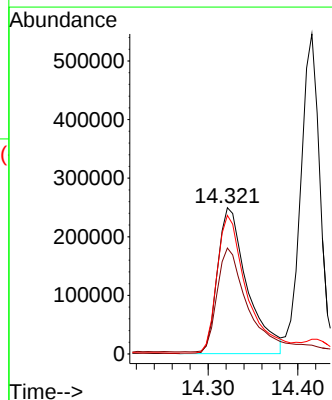
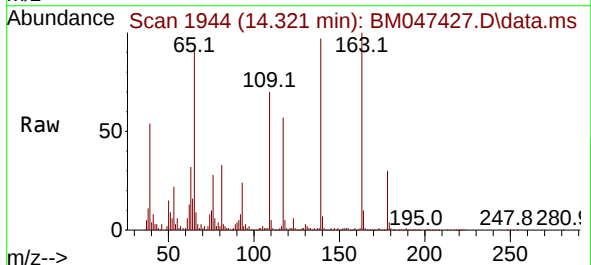
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

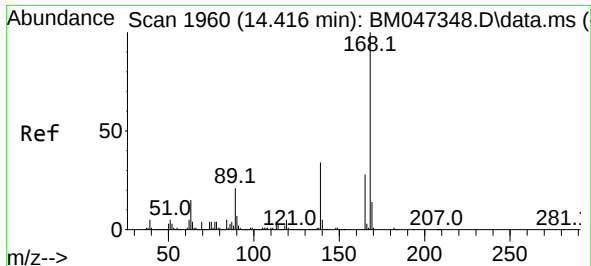
Tgt Ion:168 Resp: 2210265
Ion Ratio Lower Upper
168 100
139 34.4 27.5 41.3
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 81.909 ng
RT: 14.321 min Scan# 1944
Delta R.T. 0.017 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:139 Resp: 572046
Ion Ratio Lower Upper
139 100
109 72.5 51.6 91.6
65 94.8 71.7 111.7





#57

2,4-Dinitrotoluene

Concen: 42.640 ng

RT: 14.427 min Scan# 1960

Delta R.T. 0.012 min

Lab File: BM047427.D

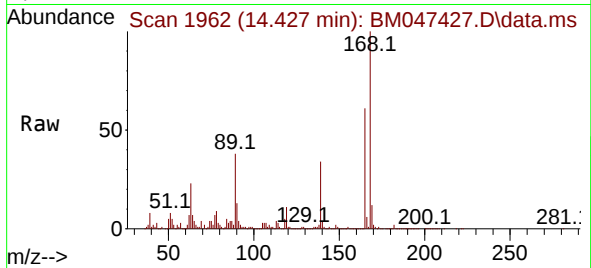
Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS



Tgt Ion:165 Resp: 534458

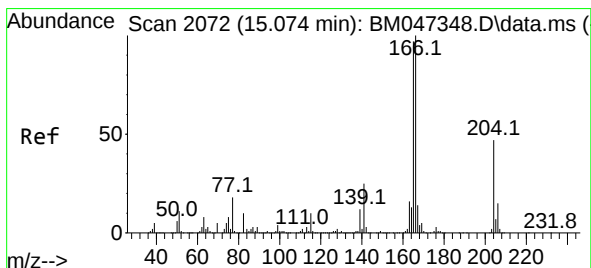
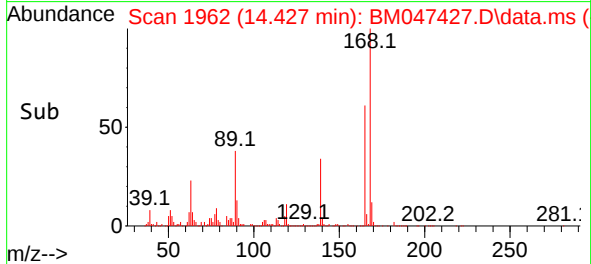
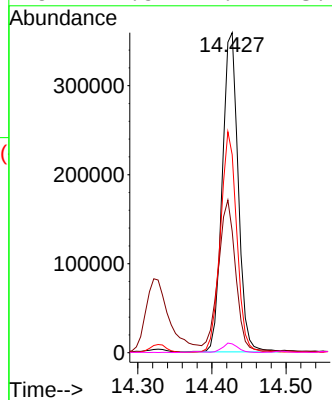
Ion Ratio Lower Upper

165 100

63 37.9 42.2 63.4#

89 61.8 59.3 88.9

182 2.8 2.1 3.1



#58

Fluorene

Concen: 43.183 ng

RT: 15.069 min Scan# 2071

Delta R.T. -0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

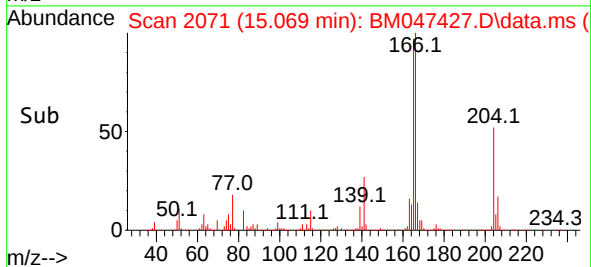
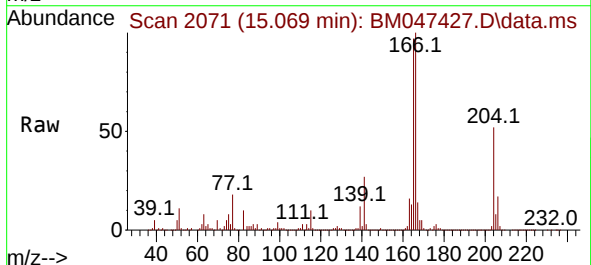
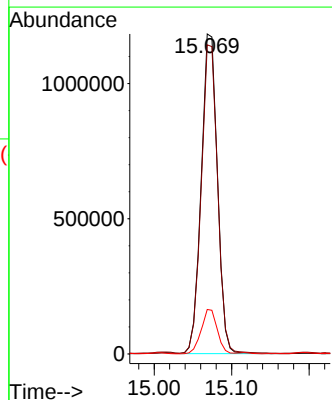
Tgt Ion:166 Resp: 1715206

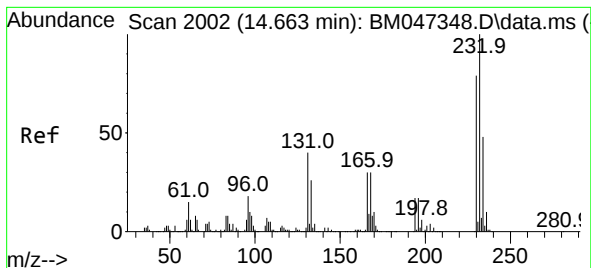
Ion Ratio Lower Upper

166 100

165 96.6 77.8 116.6

167 13.9 11.1 16.7

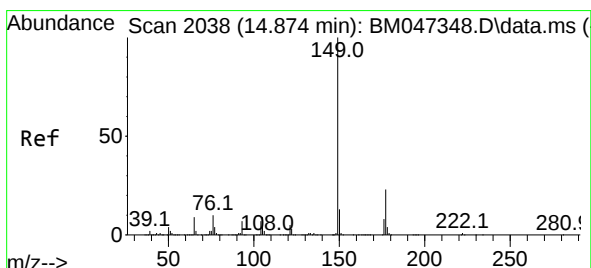
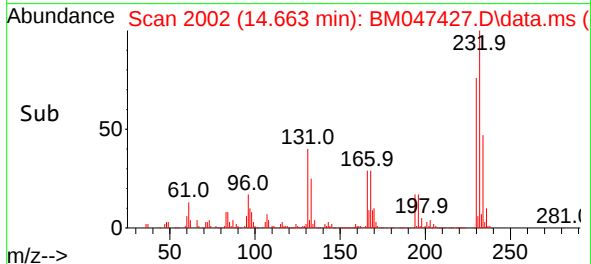
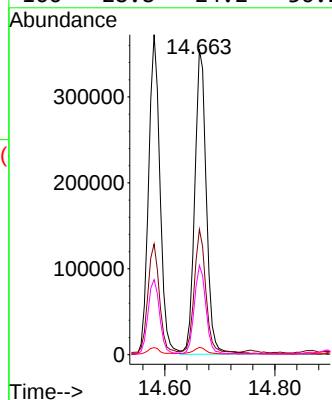
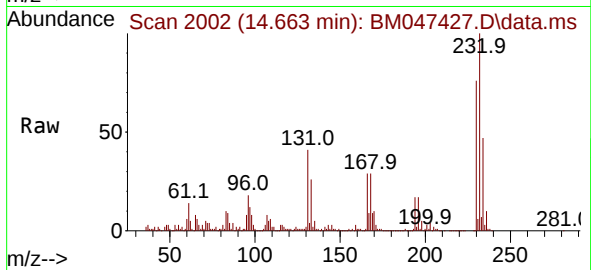




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.648 ng
RT: 14.663 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

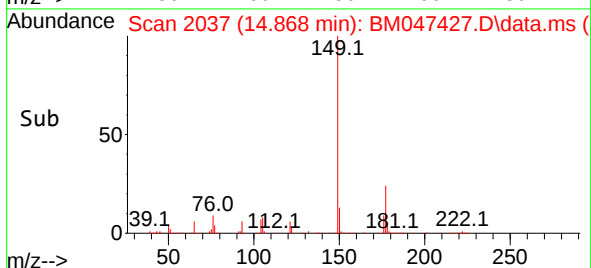
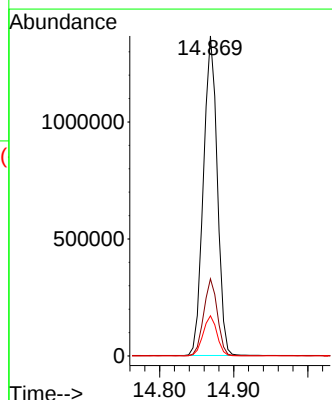
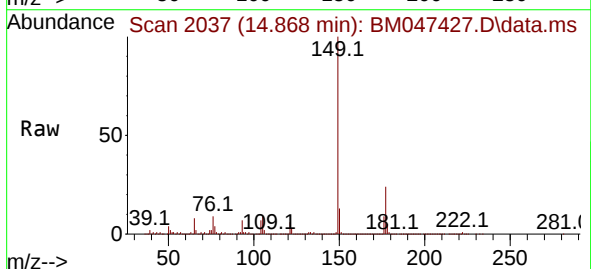
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

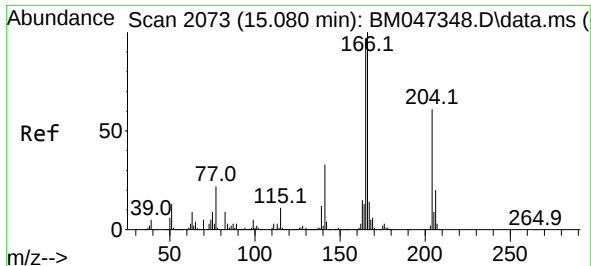
Tgt Ion:	232	Resp:	521323
Ion	Ratio	Lower	Upper
232	100		
131	40.1	31.7	47.5
130	2.3	1.7	2.5
166	28.8	24.2	36.2



#60
Diethylphthalate
Concen: 43.251 ng
RT: 14.868 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:	149	Resp:	1774199
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.6	28.0
150	12.6	10.2	15.4

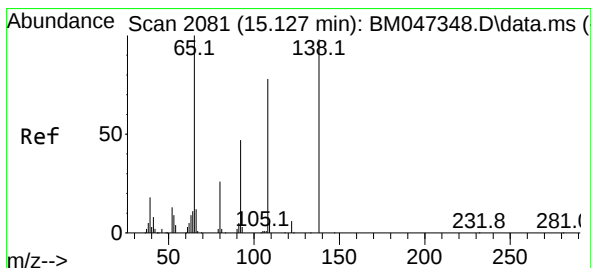
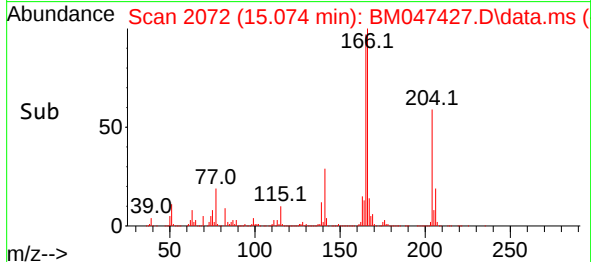
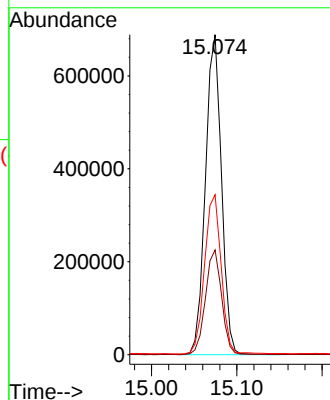
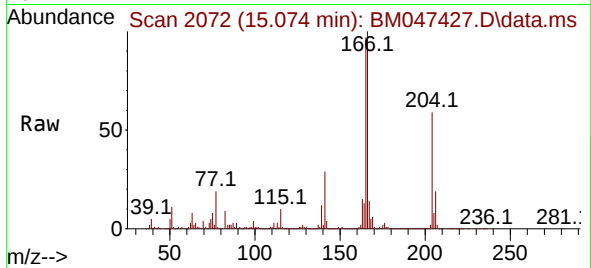




#61
4-Chlorophenyl-phenylether
Concen: 44.437 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

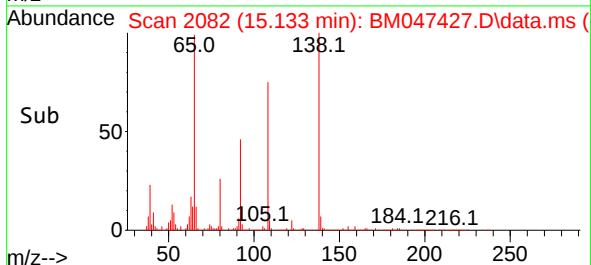
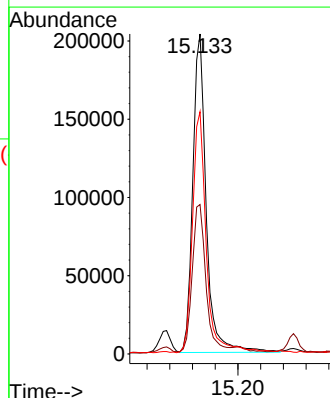
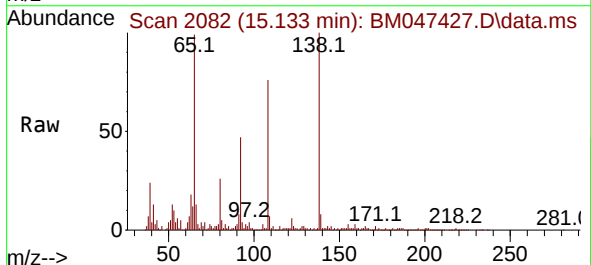
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

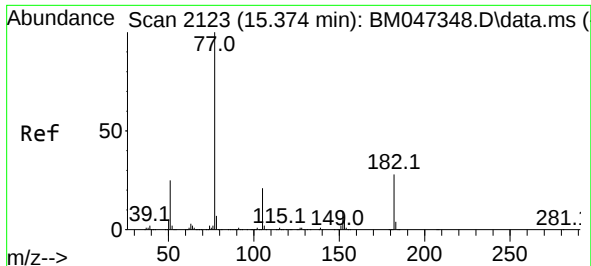
Tgt Ion:204 Resp: 897883
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 50.0 42.8 64.2



#62
4-Nitroaniline
Concen: 40.594 ng
RT: 15.133 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:138 Resp: 335507
Ion Ratio Lower Upper
138 100
92 46.7 27.9 67.9
108 75.7 58.7 98.7

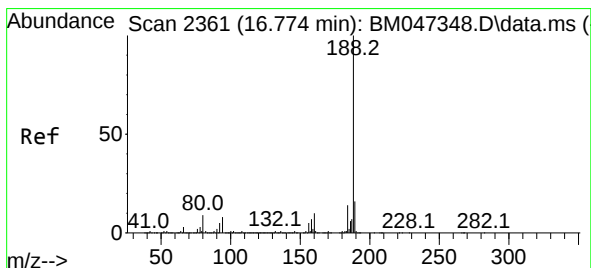
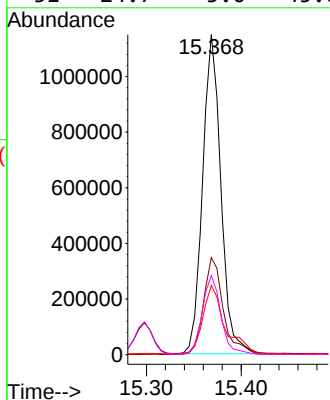
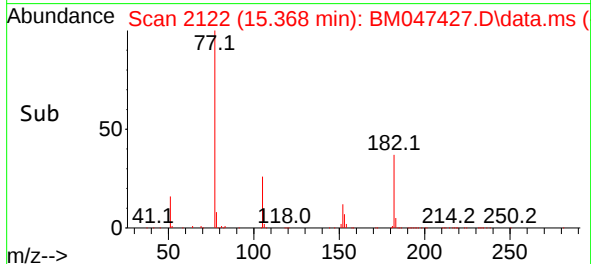
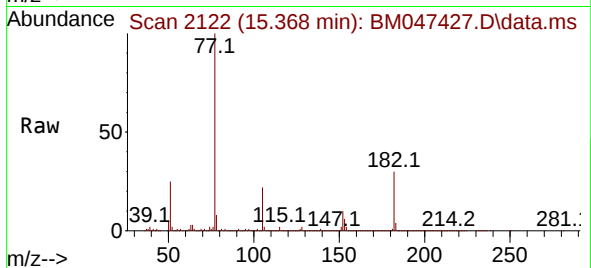




#63
Azobenzene
Concen: 43.105 ng
RT: 15.368 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

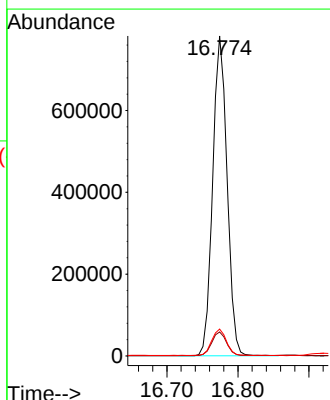
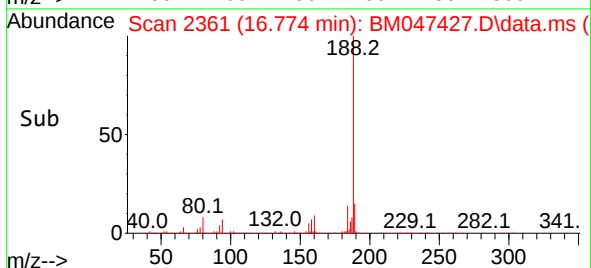
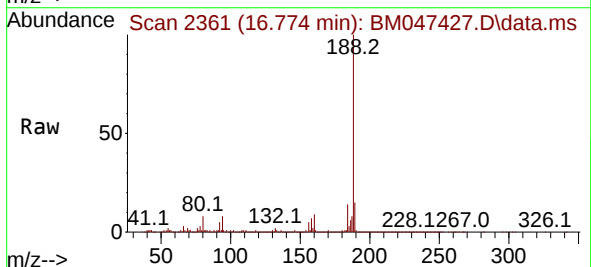
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

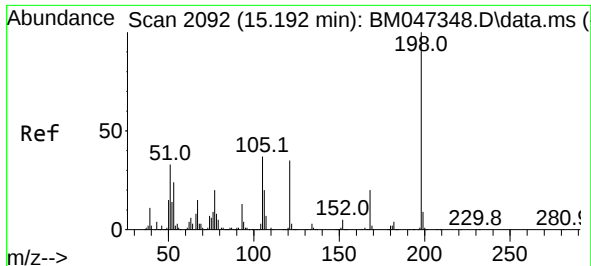
Tgt Ion: 77 Resp: 1539773
Ion Ratio Lower Upper
77 100
182 30.3 7.9 47.9
105 21.6 0.6 40.6
51 24.7 5.0 45.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:188 Resp: 1098252
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.4 7.4 11.2

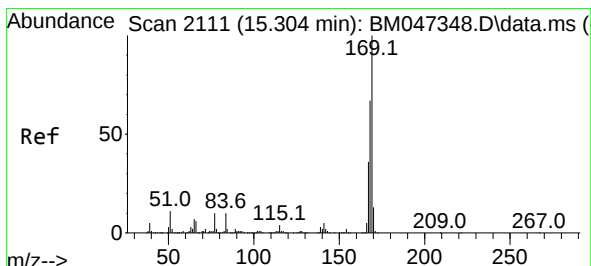
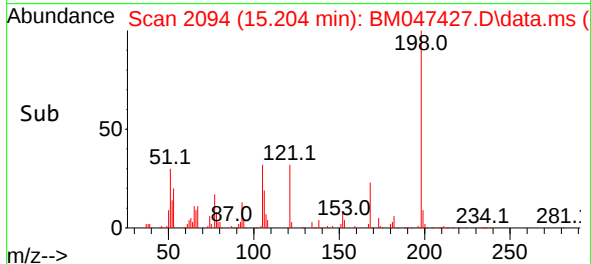
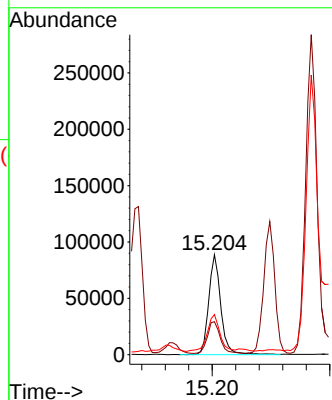
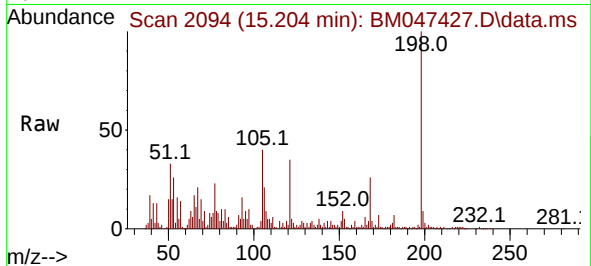




#65
4,6-Dinitro-2-methylphenol
Concen: 18.833 ng
RT: 15.204 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

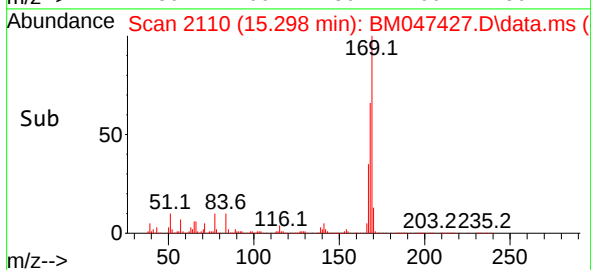
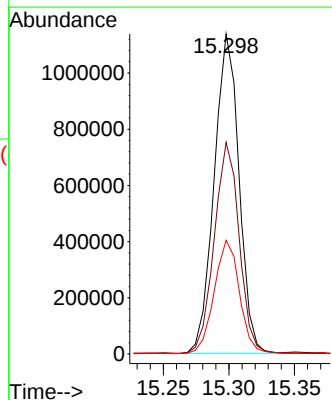
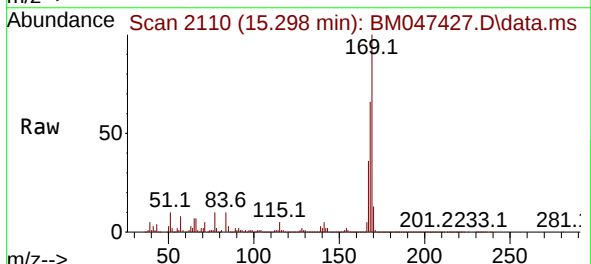
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

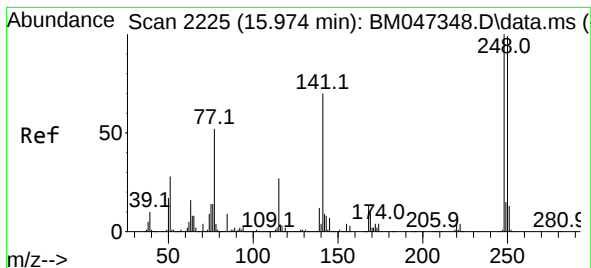
Tgt Ion:198 Resp: 126951
Ion Ratio Lower Upper
198 100
51 33.1 14.1 54.1
105 40.1 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 49.818 ng
RT: 15.298 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:169 Resp: 1497084
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 35.5 29.0 43.4

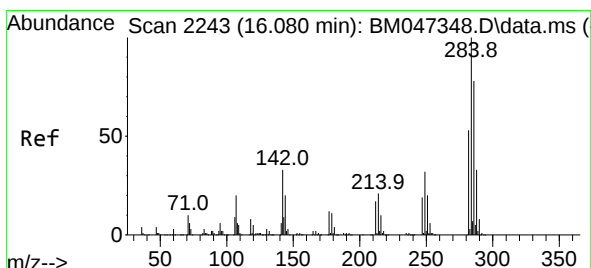
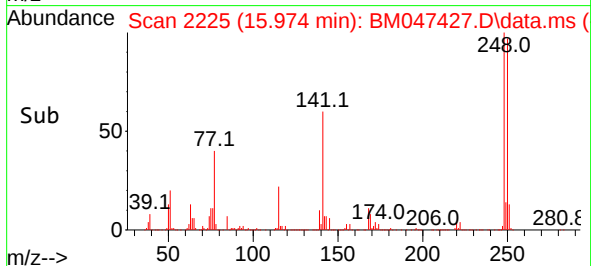
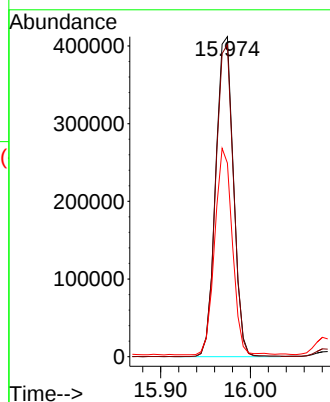
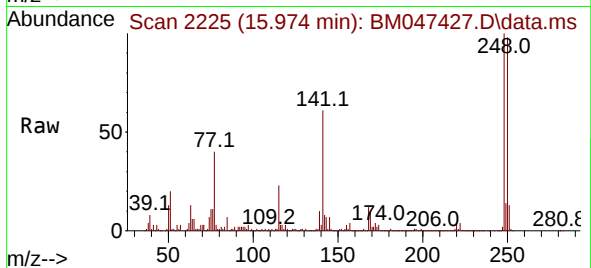




#67
4-Bromophenyl-phenylether
Concen: 48.828 ng
RT: 15.974 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

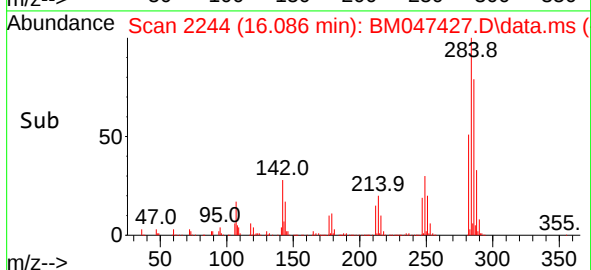
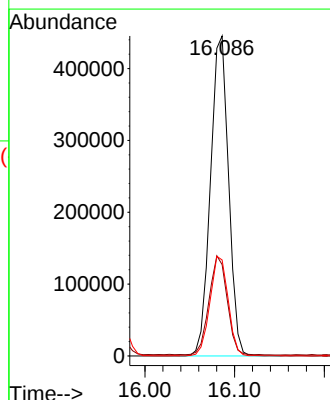
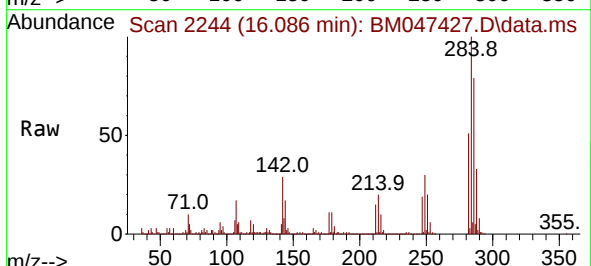
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

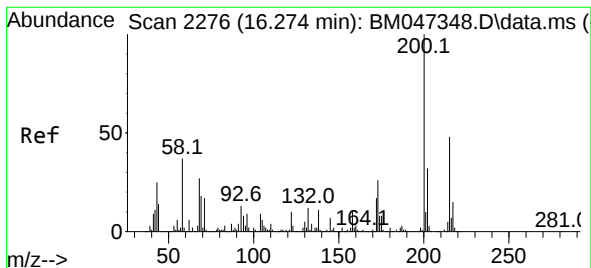
Tgt Ion:248 Resp: 565727
Ion Ratio Lower Upper
248 100
250 97.5 78.8 118.2
141 60.5 55.9 83.9



#68
Hexachlorobenzene
Concen: 46.589 ng
RT: 16.086 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:284 Resp: 623449
Ion Ratio Lower Upper
284 100
142 28.5 26.5 39.7
249 30.0 25.5 38.3





#69

Atrazine

Concen: 57.042 ng

RT: 16.274 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

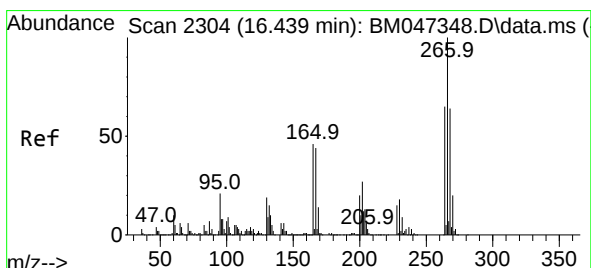
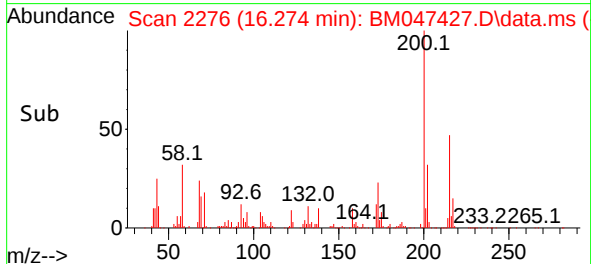
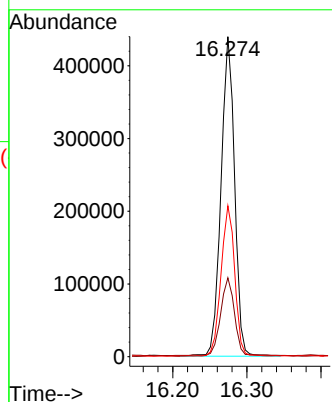
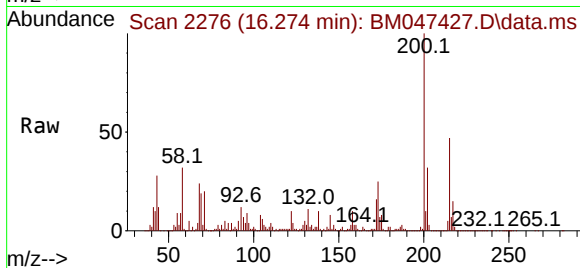
Tgt Ion:200 Resp: 560310

Ion Ratio Lower Upper

200 100

173 24.7 5.8 45.8

215 47.2 28.3 68.3



#70

Pentachlorophenol

Concen: 85.957 ng

RT: 16.445 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

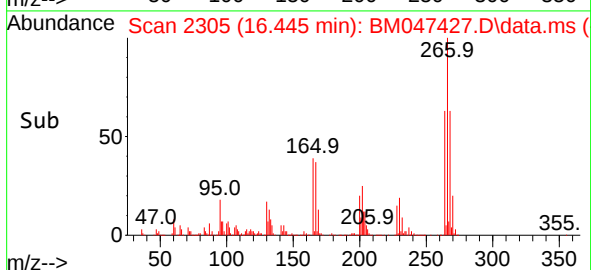
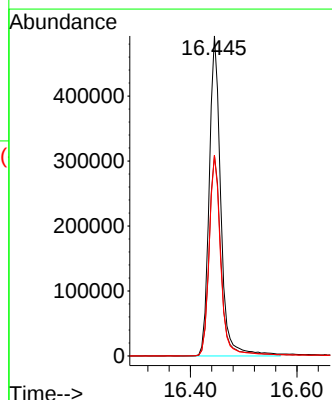
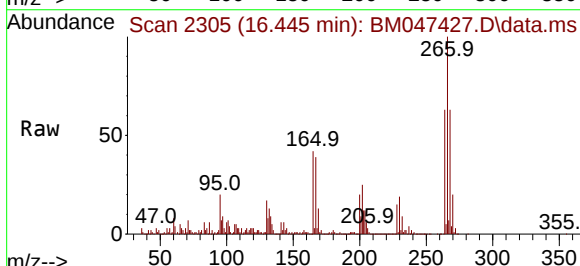
Tgt Ion:266 Resp: 743674

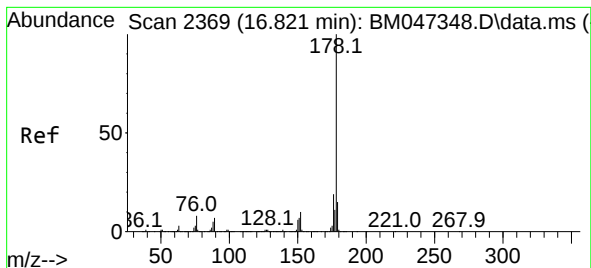
Ion Ratio Lower Upper

266 100

268 62.7 51.0 76.6

264 62.7 51.9 77.9





#71

Phenanthrene

Concen: 49.562 ng

RT: 16.815 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

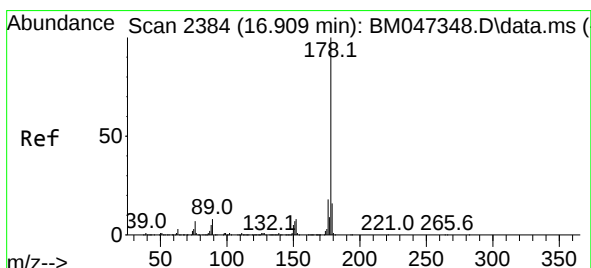
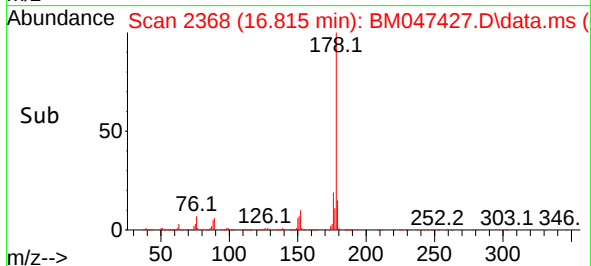
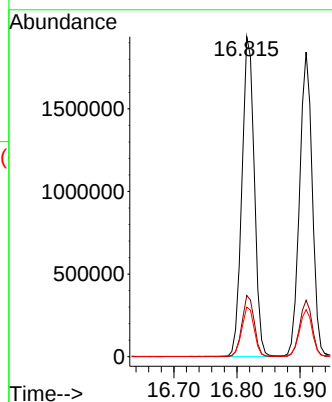
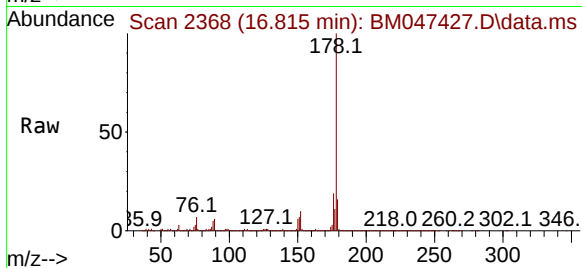
Tgt Ion:178 Resp: 2643456

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.5 12.2 18.4



#72

Anthracene

Concen: 49.391 ng

RT: 16.910 min Scan# 2384

Delta R.T. 0.000 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

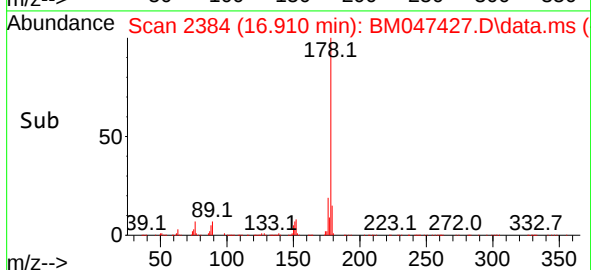
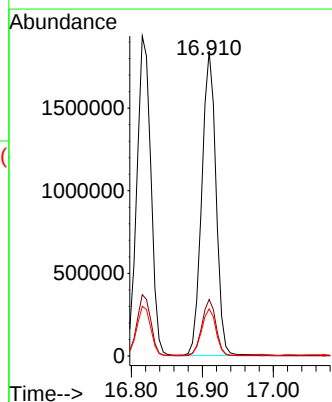
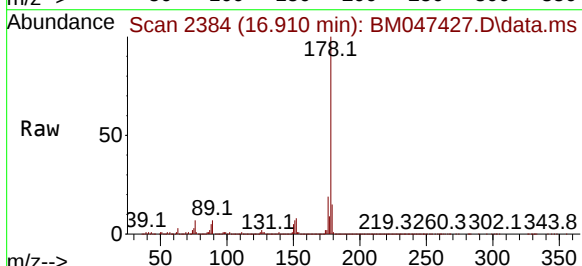
Tgt Ion:178 Resp: 2568032

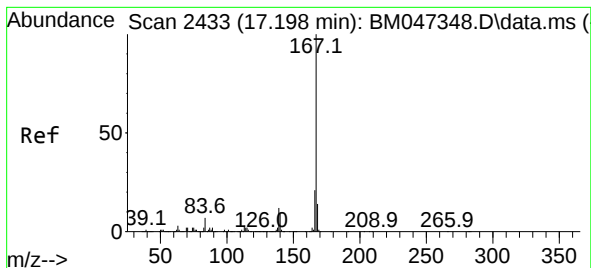
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.5 12.6 18.8





#73

Carbazole

Concen: 44.853 ng

RT: 17.198 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

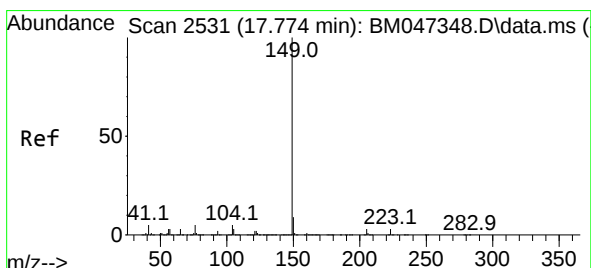
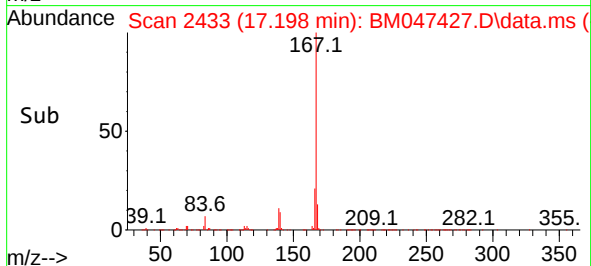
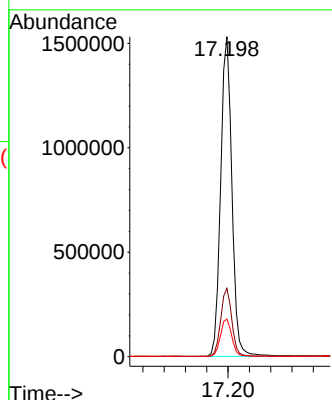
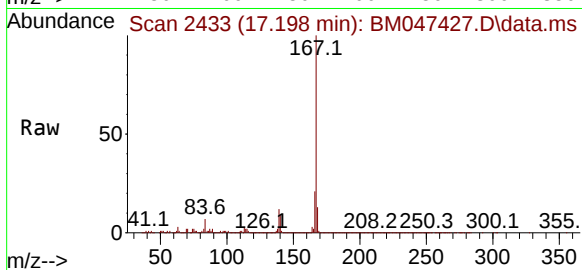
Tgt Ion:167 Resp: 2237869

Ion Ratio Lower Upper

167 100

166 21.3 16.9 25.3

139 11.7 9.5 14.3



#74

Di-n-butylphthalate

Concen: 46.345 ng

RT: 17.768 min Scan# 2530

Delta R.T. -0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

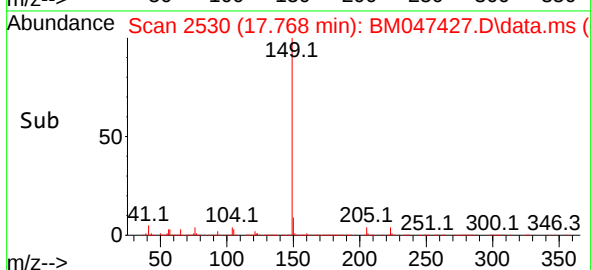
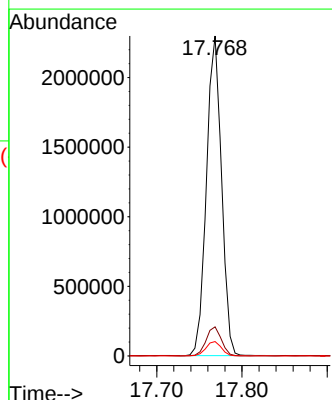
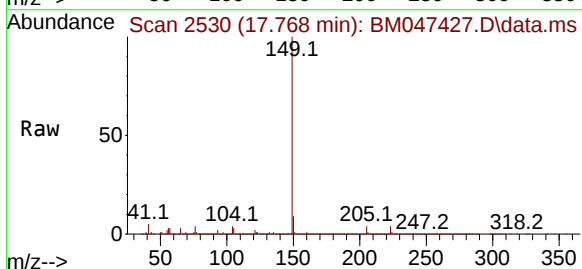
Tgt Ion:149 Resp: 2815701

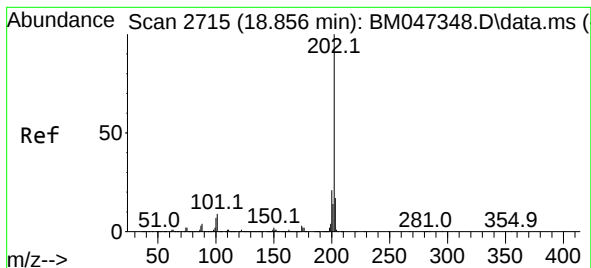
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.5 3.8 5.6





#75

Fluoranthene

Concen: 48.387 ng

RT: 18.856 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

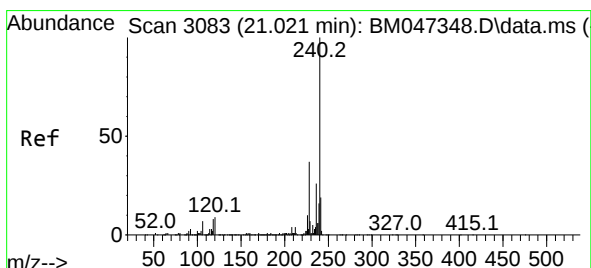
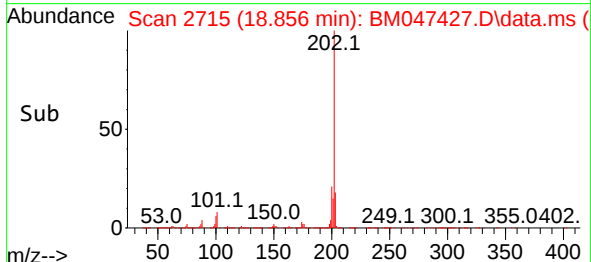
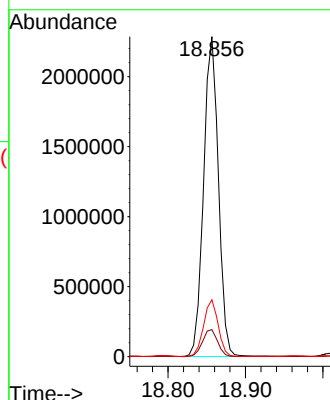
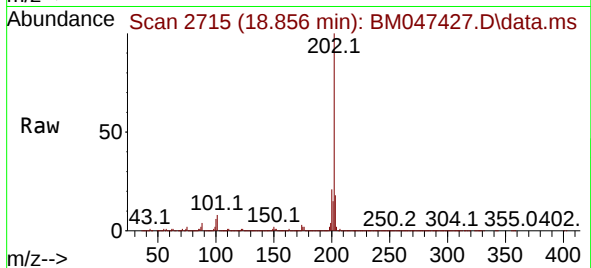
Tgt Ion:202 Resp: 3030267

Ion Ratio Lower Upper

202 100

101 8.5 0.0 29.0

203 17.8 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

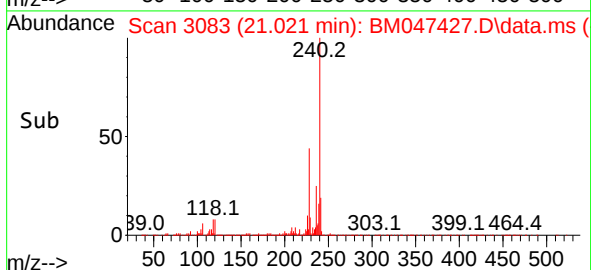
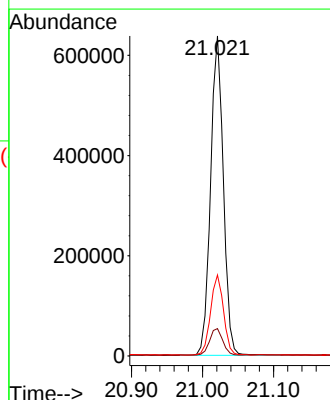
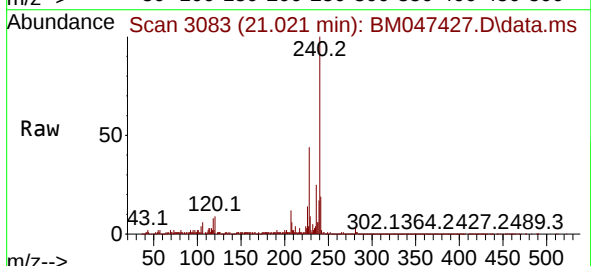
Tgt Ion:240 Resp: 797663

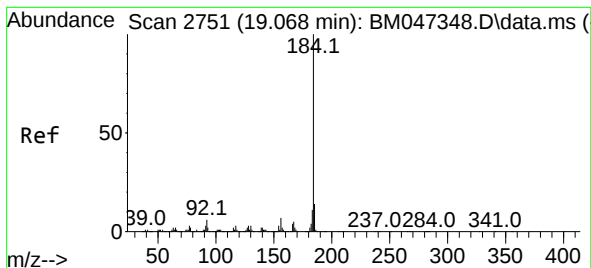
Ion Ratio Lower Upper

240 100

120 8.6 7.4 11.0

236 25.3 20.8 31.2





#77

Benzidine

Concen: 122.164 ng

RT: 19.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

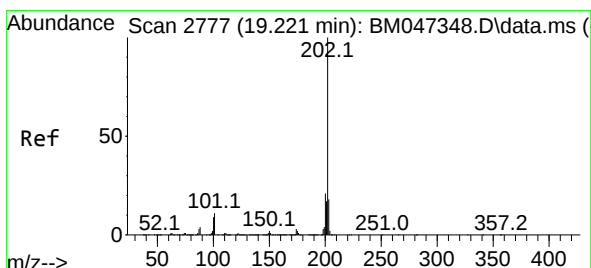
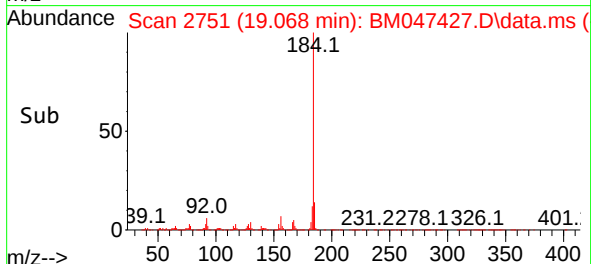
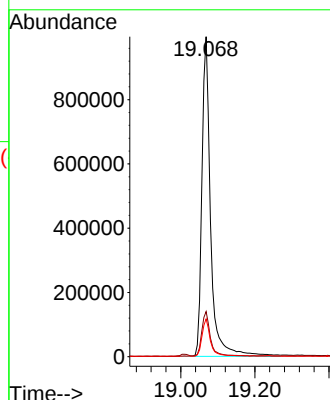
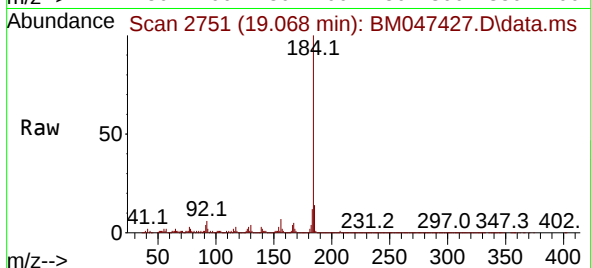
Tgt Ion:184 Resp: 1626594

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

183 11.8 9.2 13.8



#78

Pyrene

Concen: 50.915 ng

RT: 19.221 min Scan# 2777

Delta R.T. 0.000 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

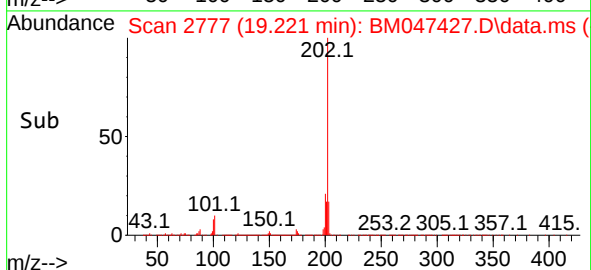
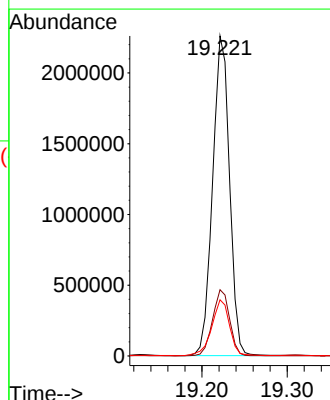
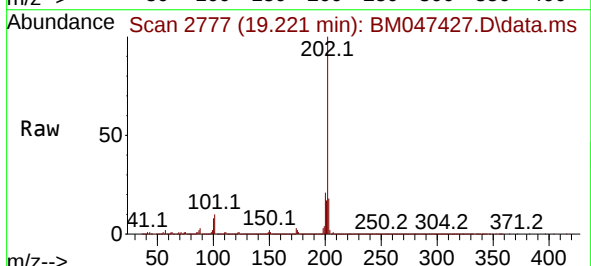
Tgt Ion:202 Resp: 3114881

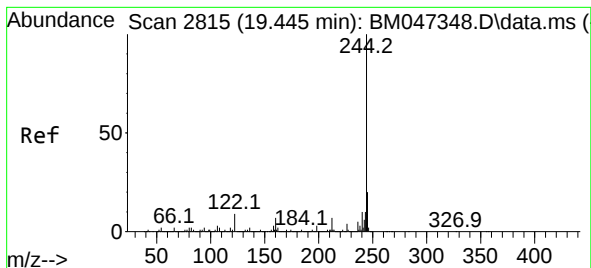
Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 74.074 ng

RT: 19.439 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM047427.D

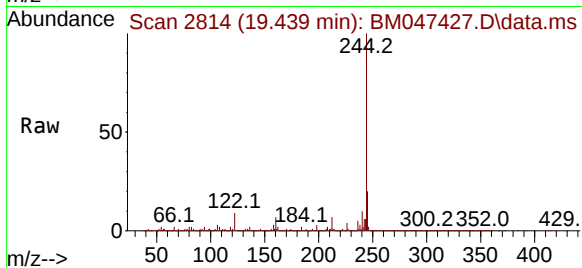
Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS



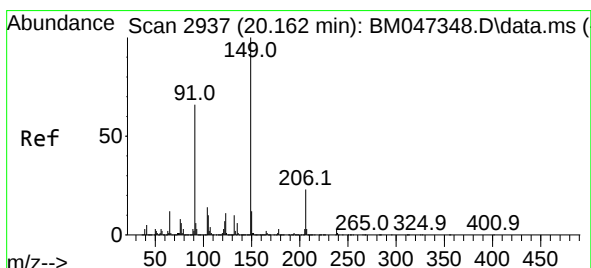
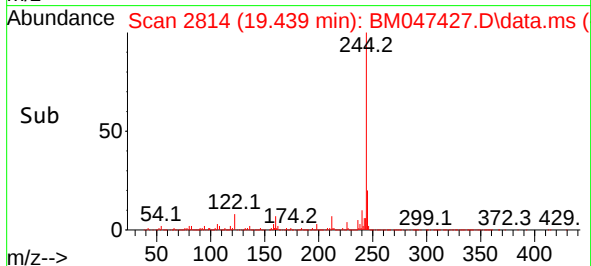
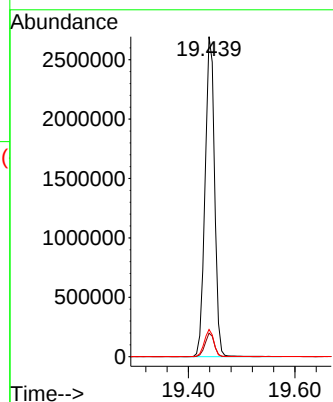
Tgt Ion:244 Resp: 3319532

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 8.5 7.0 10.4



#80

Butylbenzylphthalate

Concen: 45.259 ng

RT: 20.156 min Scan# 2936

Delta R.T. -0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

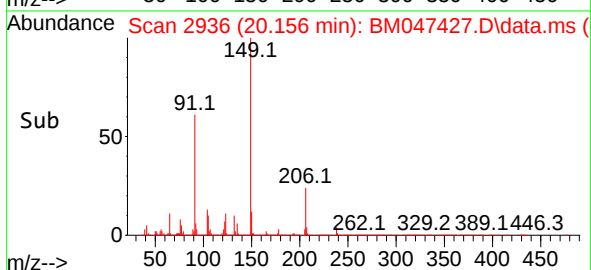
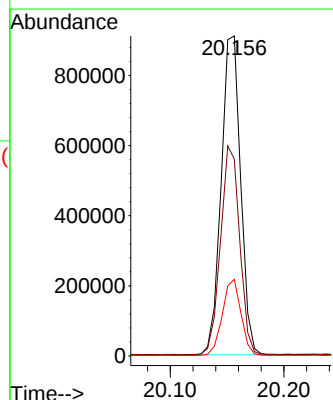
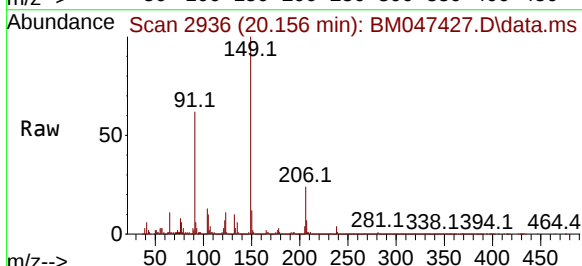
Tgt Ion:149 Resp: 1083521

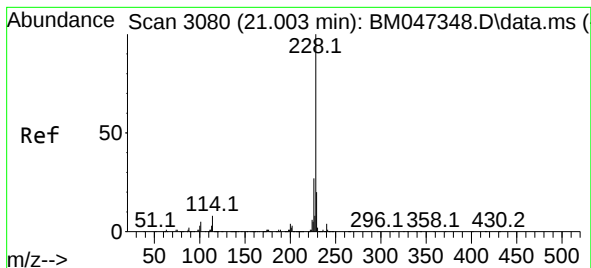
Ion Ratio Lower Upper

149 100

91 61.6 52.6 79.0

206 23.9 18.2 27.2





#81

Benzo(a)anthracene

Concen: 51.654 ng

RT: 21.003 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

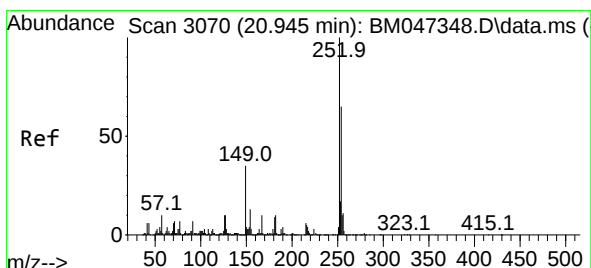
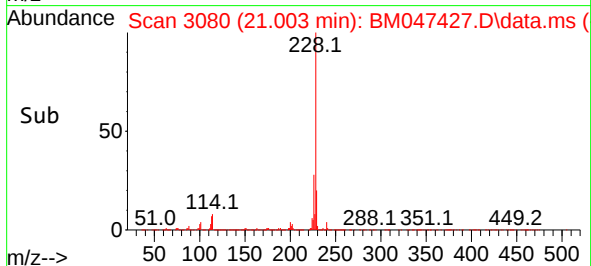
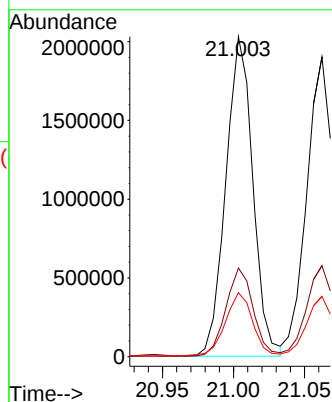
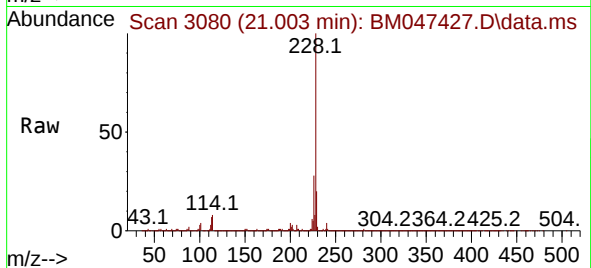
Tgt Ion:228 Resp: 2686947

Ion Ratio Lower Upper

228 100

226 27.7 21.4 32.0

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 49.115 ng

RT: 20.945 min Scan# 3070

Delta R.T. 0.000 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

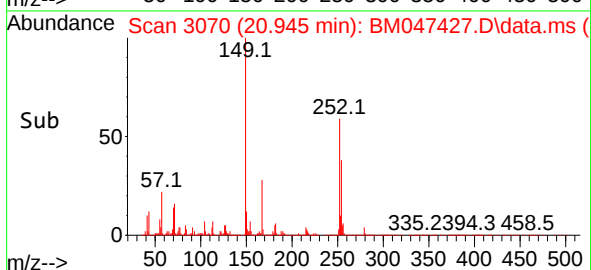
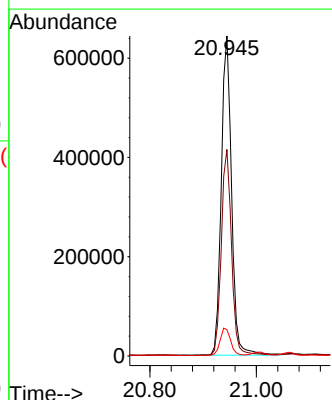
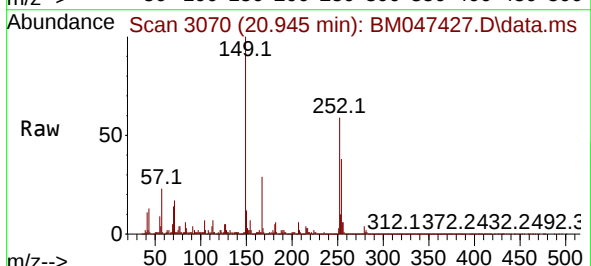
Tgt Ion:252 Resp: 859422

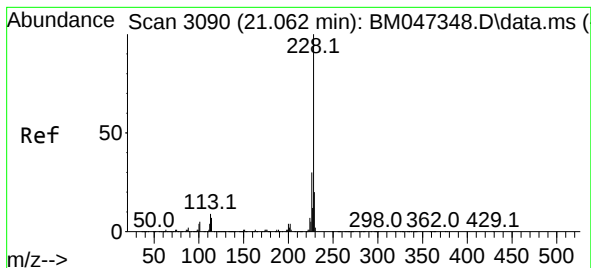
Ion Ratio Lower Upper

252 100

254 64.6 52.1 78.1

126 8.2 7.9 11.9





#83

Chrysene

Concen: 51.018 ng

RT: 21.062 min Scan# 30

Delta R.T. 0.000 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

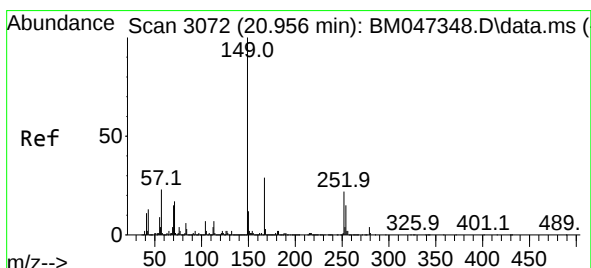
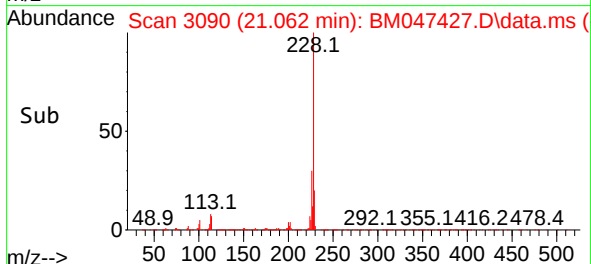
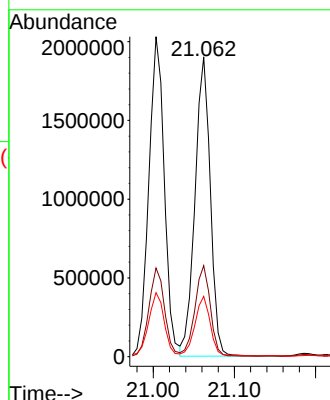
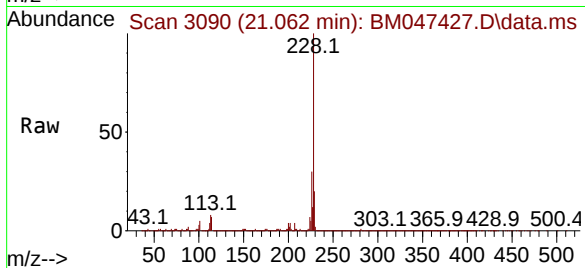
Tgt Ion:228 Resp: 2496433

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.694 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

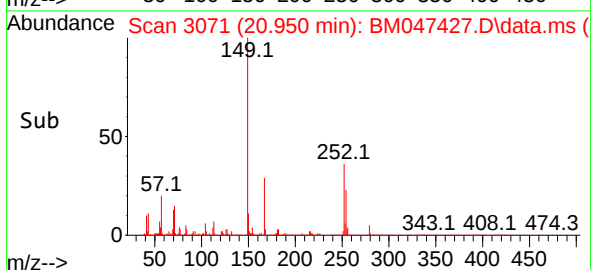
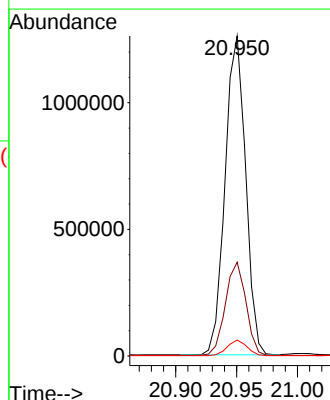
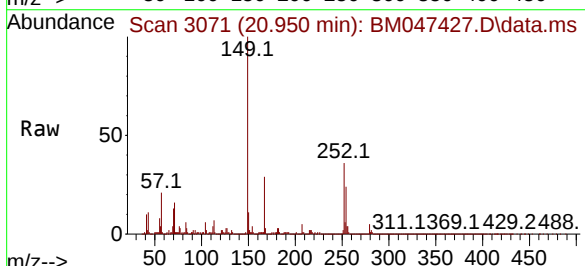
Tgt Ion:149 Resp: 1478463

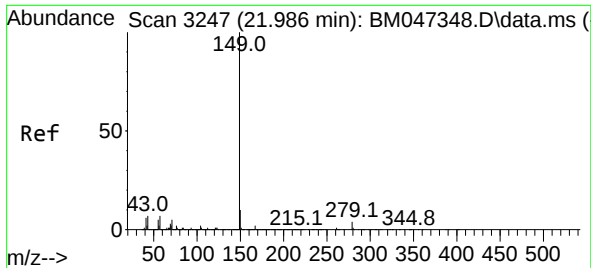
Ion Ratio Lower Upper

149 100

167 29.3 23.1 34.7

279 4.9 3.3 4.9#

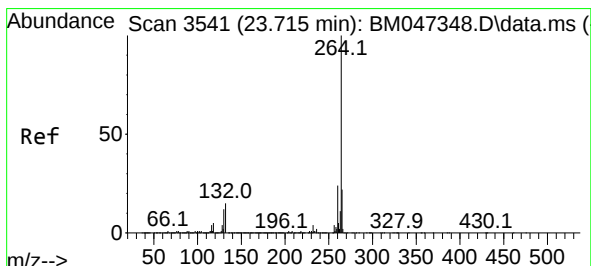
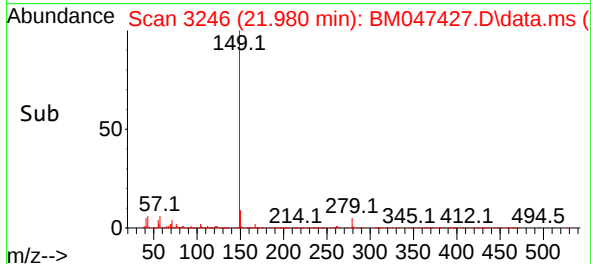
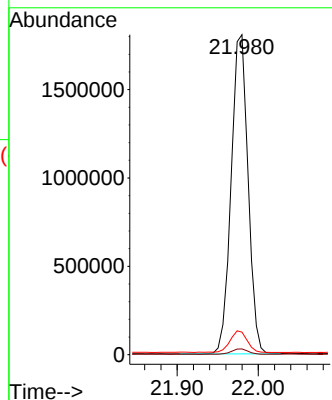
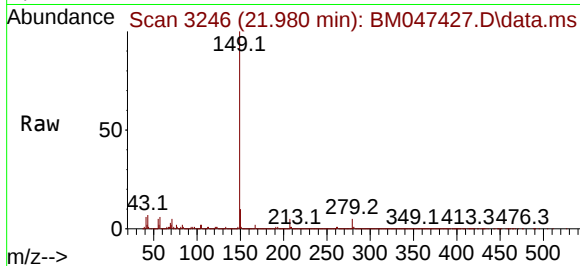




#85
Di-n-octyl phthalate
Concen: 45.885 ng
RT: 21.980 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

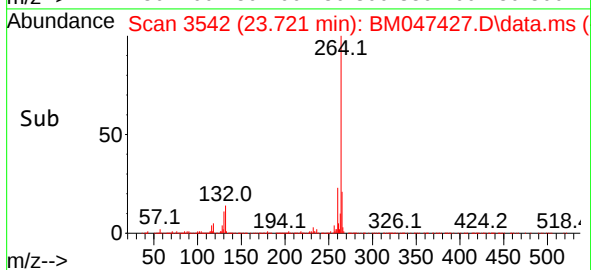
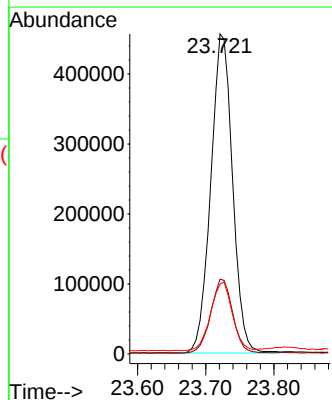
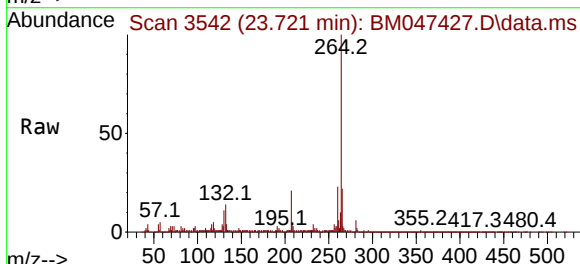
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS

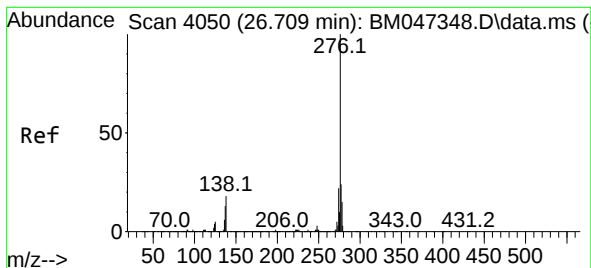
Tgt Ion:149 Resp: 2613204
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 6.8 6.1 9.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3542
Delta R.T. 0.006 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:264 Resp: 1013628
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 21.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.756 ng

RT: 26.756 min Scan# 4058

Delta R.T. 0.047 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

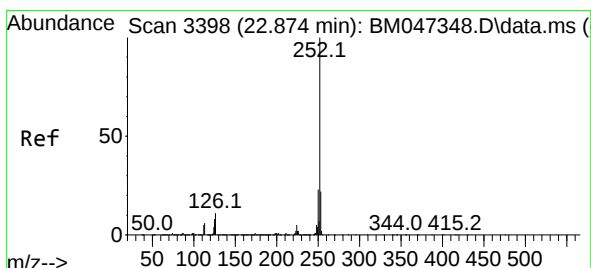
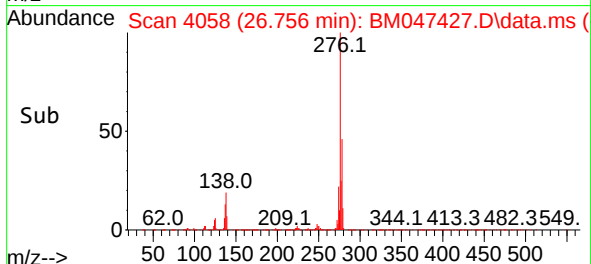
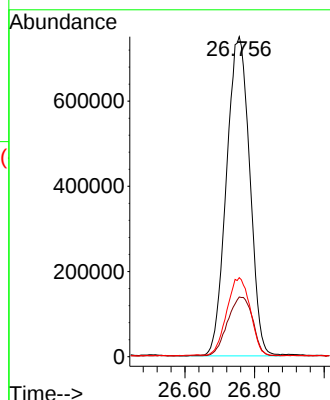
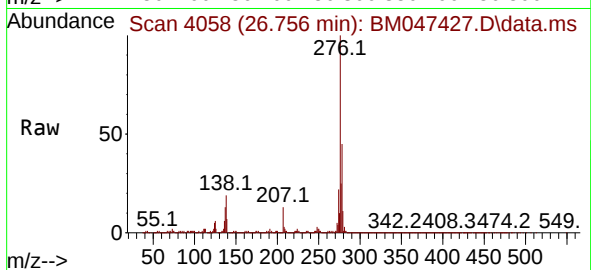
Tgt Ion:276 Resp: 3474452

Ion Ratio Lower Upper

276 100

138 19.7 17.7 26.5

277 24.7 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 48.877 ng

RT: 22.880 min Scan# 3399

Delta R.T. 0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

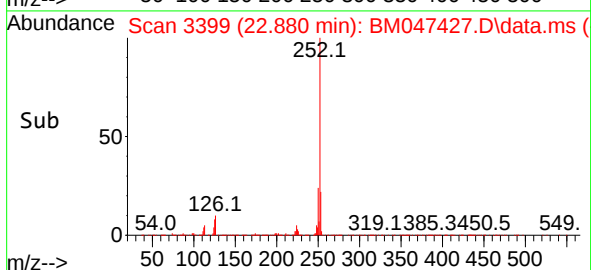
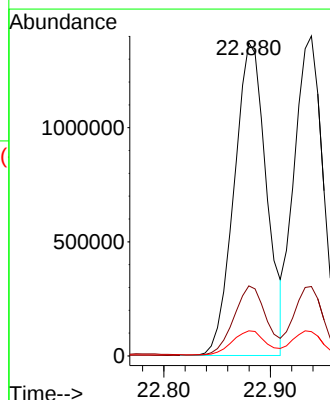
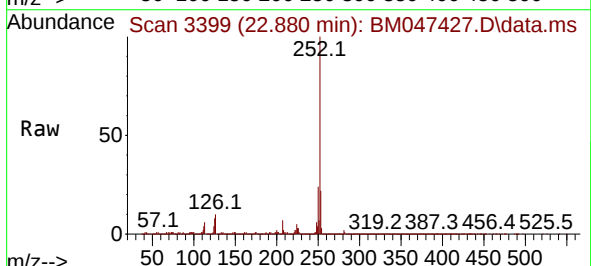
Tgt Ion:252 Resp: 2890417

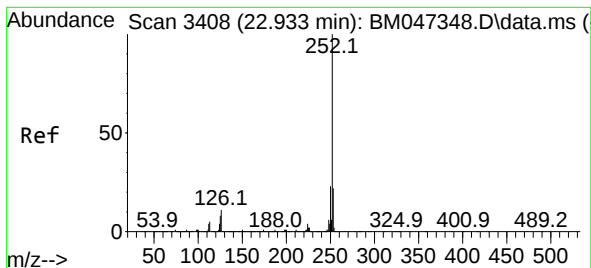
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 8.0 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 47.079 ng

RT: 22.939 min Scan# 3408

Delta R.T. 0.006 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MS

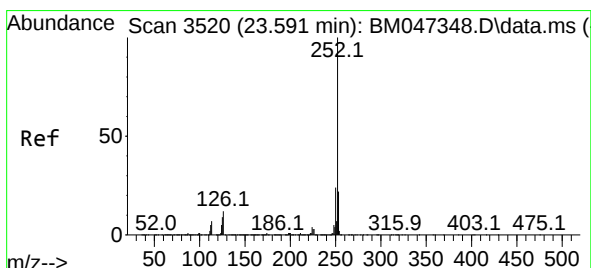
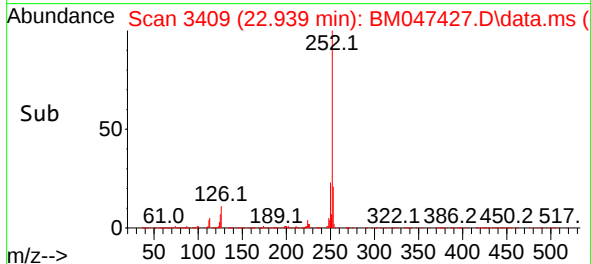
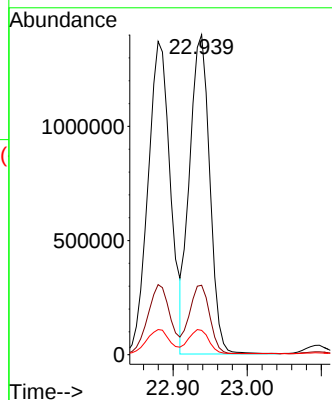
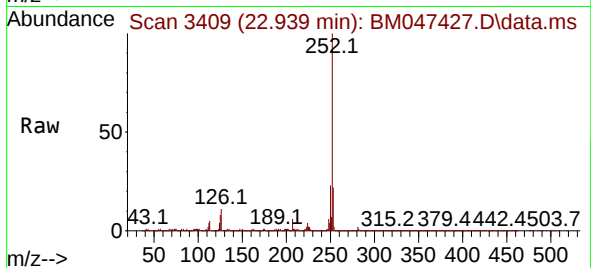
Tgt Ion:252 Resp: 2639235

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 7.6 6.6 9.8



#90

Benzo(a)pyrene

Concen: 54.600 ng

RT: 23.603 min Scan# 3522

Delta R.T. 0.012 min

Lab File: BM047427.D

Acq: 03 Sep 2024 16:04

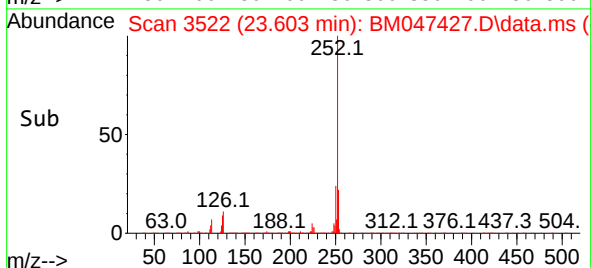
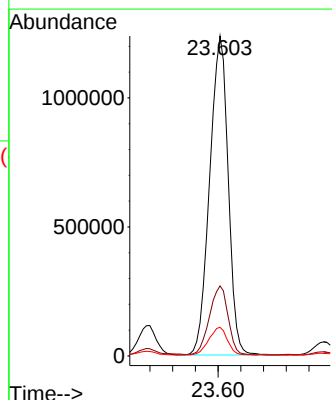
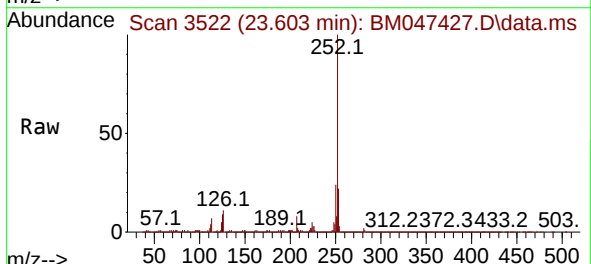
Tgt Ion:252 Resp: 2792305

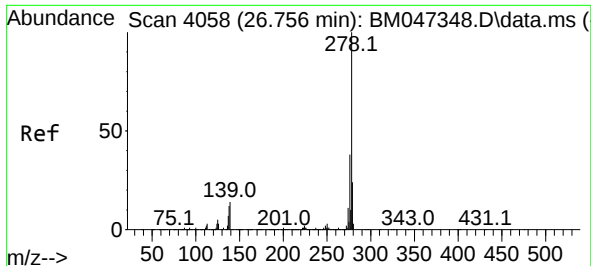
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

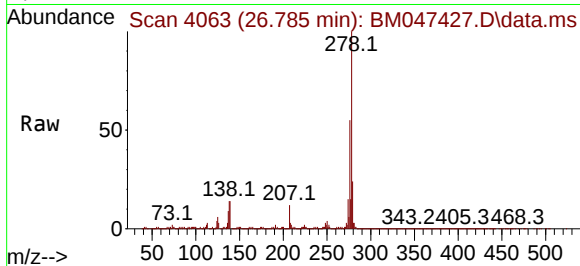
125 9.0 7.4 11.2



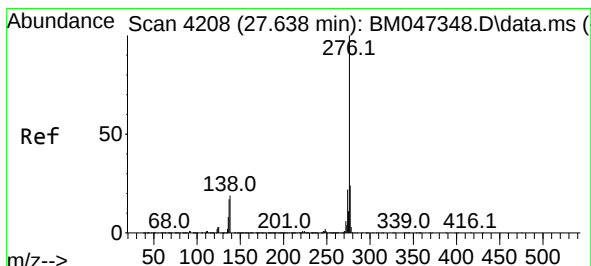
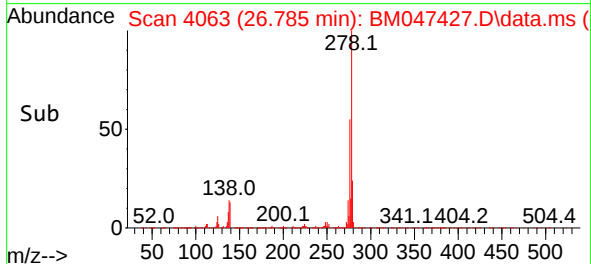
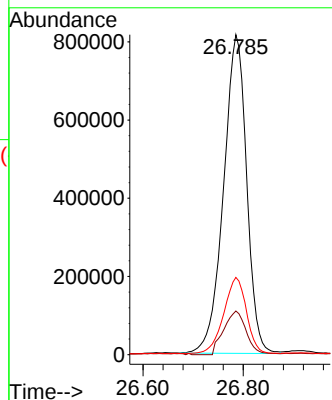


#91
Dibenzo(a,h)anthracene
Concen: 50.741 ng
RT: 26.785 min Scan# 4058
Delta R.T. 0.029 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Instrument :
BNA_M
ClientSampleId :
TR-04-083024MS



Tgt Ion:278 Resp: 2608296
Ion Ratio Lower Upper
278 100
139 13.7 11.1 16.7
279 24.1 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 52.012 ng
RT: 27.685 min Scan# 4216
Delta R.T. 0.047 min
Lab File: BM047427.D
Acq: 03 Sep 2024 16:04

Tgt Ion:276 Resp: 2779574
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.0
138 17.5 15.0 22.6

