

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
 Data File : BM047428.D
 Acq On : 03 Sep 2024 16:43
 Operator : RC/JU
 Sample : P3813-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-083024MSD

Quant Time: Sep 03 17:20:48 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	246733	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	926995	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	574254	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1028165	20.000	ng	0.00
76) Chrysene-d12	21.021	240	804689	20.000	ng	0.00
86) Perylene-d12	23.727	264	1000348	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1619460	125.927	ng	0.00
7) Phenol-d6	6.575	99	2091548	119.386	ng	0.00
23) Nitrobenzene-d5	8.498	82	1389642	83.178	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	826456	119.287	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	3314177	88.676	ng	0.00
79) Terphenyl-d14	19.445	244	3704259	81.937	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.011	88	210235	39.939	ng	99
3) Pyridine	3.387	79	572018	39.154	ng	99
4) n-Nitrosodimethylamine	3.310	42	270205	45.412	ng	100
6) Aniline	6.699	93	512804	32.318	ng	99
8) 2-Chlorophenol	6.928	128	770158	53.504	ng	97
9) Benzaldehyde	6.510	77	207269	19.181	ng	99
10) Phenol	6.598	94	867692	50.341	ng	99
11) bis(2-Chloroethyl)ether	6.793	93	719664	48.180	ng	100
12) 1,3-Dichlorobenzene	7.228	146	880235	50.008	ng	98
13) 1,4-Dichlorobenzene	7.375	146	895168	50.216	ng	99
14) 1,2-Dichlorobenzene	7.687	146	860481	50.936	ng	99
15) Benzyl Alcohol	7.604	79	658789	54.240	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.863	45	865301	48.314	ng	98
17) 2-Methylphenol	7.816	107	613140	51.200	ng	99
18) Hexachloroethane	8.387	117	315679	47.372	ng	97
19) n-Nitroso-di-n-propyla...	8.157	70	519558	43.143	ng	97
20) 3+4-Methylphenols	8.145	107	813767	48.874	ng	96
22) Acetophenone	8.169	105	1041208	48.397	ng	100
24) Nitrobenzene	8.540	77	820603	47.757	ng	97
25) Isophorone	9.063	82	1504648	47.651	ng	98
26) 2-Nitrophenol	9.239	139	452978	53.595	ng	96
27) 2,4-Dimethylphenol	9.322	122	613843	64.343	ng	98
28) bis(2-Chloroethoxy)met...	9.539	93	938424	48.532	ng	98
29) 2,4-Dichlorophenol	9.781	162	824971	55.745	ng	99
30) 1,2,4-Trichlorobenzene	9.969	180	878574	51.398	ng	98
31) Naphthalene	10.145	128	2289676	50.571	ng	99
32) Benzoic acid	9.551	122	501816	44.050	ng	95
33) 4-Chloroaniline	10.287	127	449220	26.684	ng	99
34) Hexachlorobutadiene	10.422	225	580725	54.398	ng	98
35) Caprolactam	11.110	113	239344	49.925	ng	100
36) 4-Chloro-3-methylphenol	11.451	107	744549	49.542	ng	99
37) 2-Methylnaphthalene	11.775	142	1645861	49.856	ng	99
38) 1-Methylnaphthalene	12.004	142	1525523	46.724	ng	100
40) 1,2,4,5-Tetrachloroben...	12.163	216	985131	57.933	ng	99
41) Hexachlorocyclopentadiene	12.122	237	124686	23.233	ng	99
43) 2,4,6-Trichlorophenol	12.428	196	665617	57.100	ng	99

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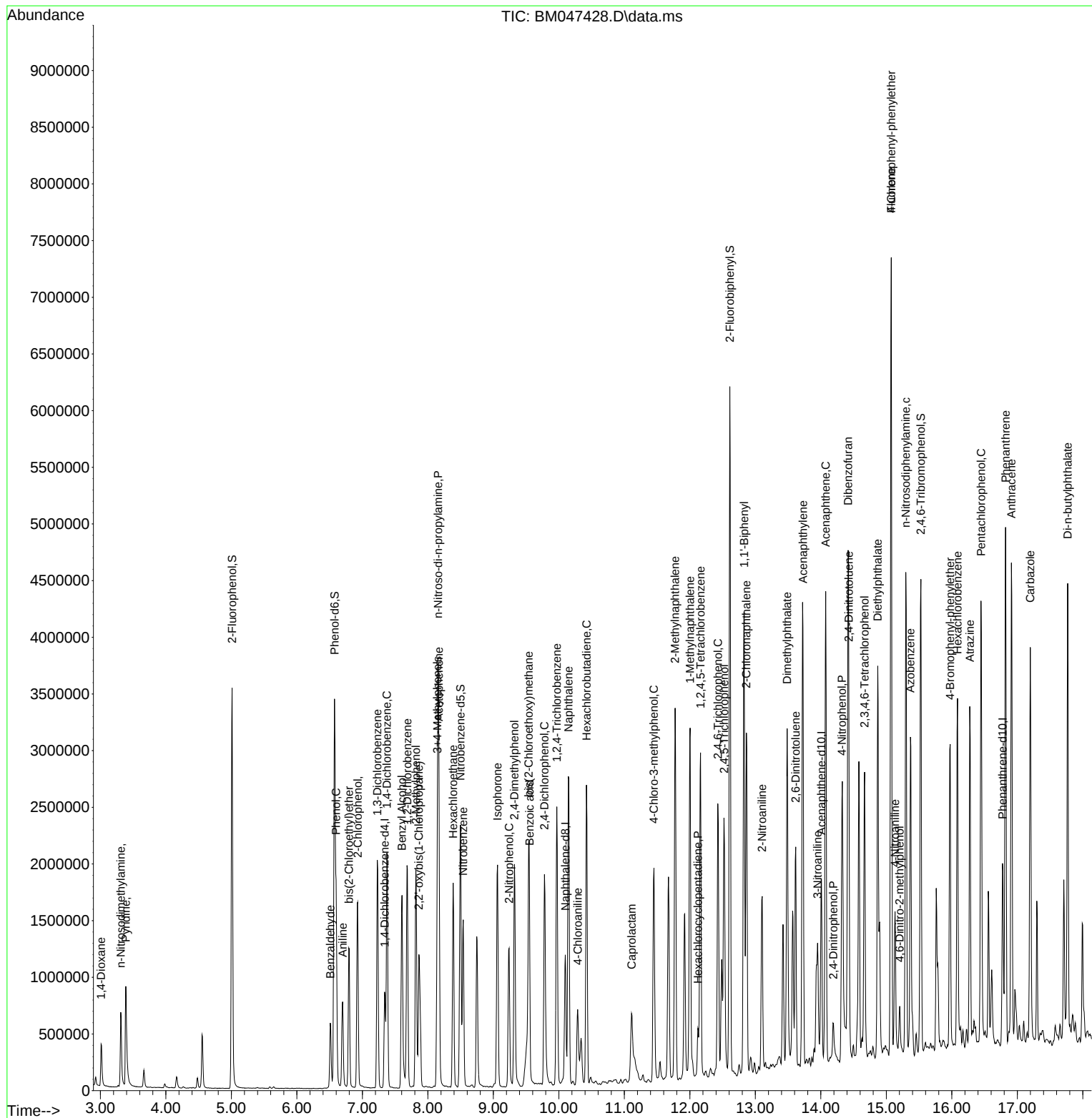
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.522	196	704783	54.441	ng	98
46) 1,1'-Biphenyl	12.828	154	2098129	52.326	ng	100
47) 2-Chloronaphthalene	12.863	162	1616917	51.457	ng	99
48) 2-Nitroaniline	13.104	65	462269	52.519	ng	94
49) Acenaphthylene	13.727	152	2560758	56.072	ng	99
50) Dimethylphthalate	13.486	163	2046392	51.718	ng	100
51) 2,6-Dinitrotoluene	13.616	165	454911	49.379	ng	96
52) Acenaphthene	14.074	154	1525477	52.618	ng	99
53) 3-Nitroaniline	13.951	138	317056	37.296	ng	97
54) 2,4-Dinitrophenol	14.192	184	120267	21.198	ng	91
55) Dibenzofuran	14.416	168	2383874	51.050	ng	99
56) 4-Nitrophenol	14.322	139	637589	95.949	ng	99
57) 2,4-Dinitrotoluene	14.427	165	578523	48.509	ng	# 85
58) Fluorene	15.074	166	1851148	48.981	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.669	232	568984	53.509	ng	98
60) Diethylphthalate	14.869	149	1938208	49.658	ng	99
61) 4-Chlorophenyl-phenyle...	15.074	204	967456	50.322	ng	97
62) 4-Nitroaniline	15.133	138	367897	46.782	ng	97
63) Azobenzene	15.369	77	1649946	48.544	ng	98
65) 4,6-Dinitro-2-methylph...	15.204	198	101262	16.046	ng	93
66) n-Nitrosodiphenylamine	15.298	169	1612056	57.300	ng	98
67) 4-Bromophenyl-phenylether	15.974	248	607685	56.025	ng	96
68) Hexachlorobenzene	16.086	284	666772	53.223	ng	98
69) Atrazine	16.274	200	597200	64.942	ng	99
70) Pentachlorophenol	16.445	266	816722	100.835	ng	99
71) Phenanthrene	16.821	178	2833355	56.744	ng	99
72) Anthracene	16.910	178	2783061	57.176	ng	100
73) Carbazole	17.198	167	2405748	51.504	ng	100
74) Di-n-butylphthalate	17.768	149	3007028	52.868	ng	100
75) Fluoranthene	18.857	202	3359959	57.308	ng	99
77) Benzidine	19.068	184	1895250	141.098	ng	99
78) Pyrene	19.227	202	3475545	56.314	ng	99
80) Butylbenzylphthalate	20.156	149	1192933	49.394	ng	98
81) Benzo(a)anthracene	21.009	228	3056897	58.253	ng	98
82) 3,3'-Dichlorobenzidine	20.945	252	996392	56.445	ng	98
83) Chrysene	21.062	228	2889531	58.536	ng	99
84) Bis(2-ethylhexyl)phtha...	20.951	149	1636320	47.937	ng	# 99
85) Di-n-octyl phthalate	21.980	149	2981200	51.889	ng	98
87) Indeno(1,2,3-cd)pyrene	26.762	276	3924742	62.674	ng	97
88) Benzo(b)fluoranthene	22.886	252	3350683	57.412	ng	100
89) Benzo(k)fluoranthene	22.945	252	3009422	54.395	ng	99
90) Benzo(a)pyrene	23.609	252	3187851	63.162	ng	99
91) Dibenzo(a,h)anthracene	26.797	278	2962448	58.395	ng	99
92) Benzo(g,h,i)perylene	27.697	276	3118793	59.135	ng	98

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

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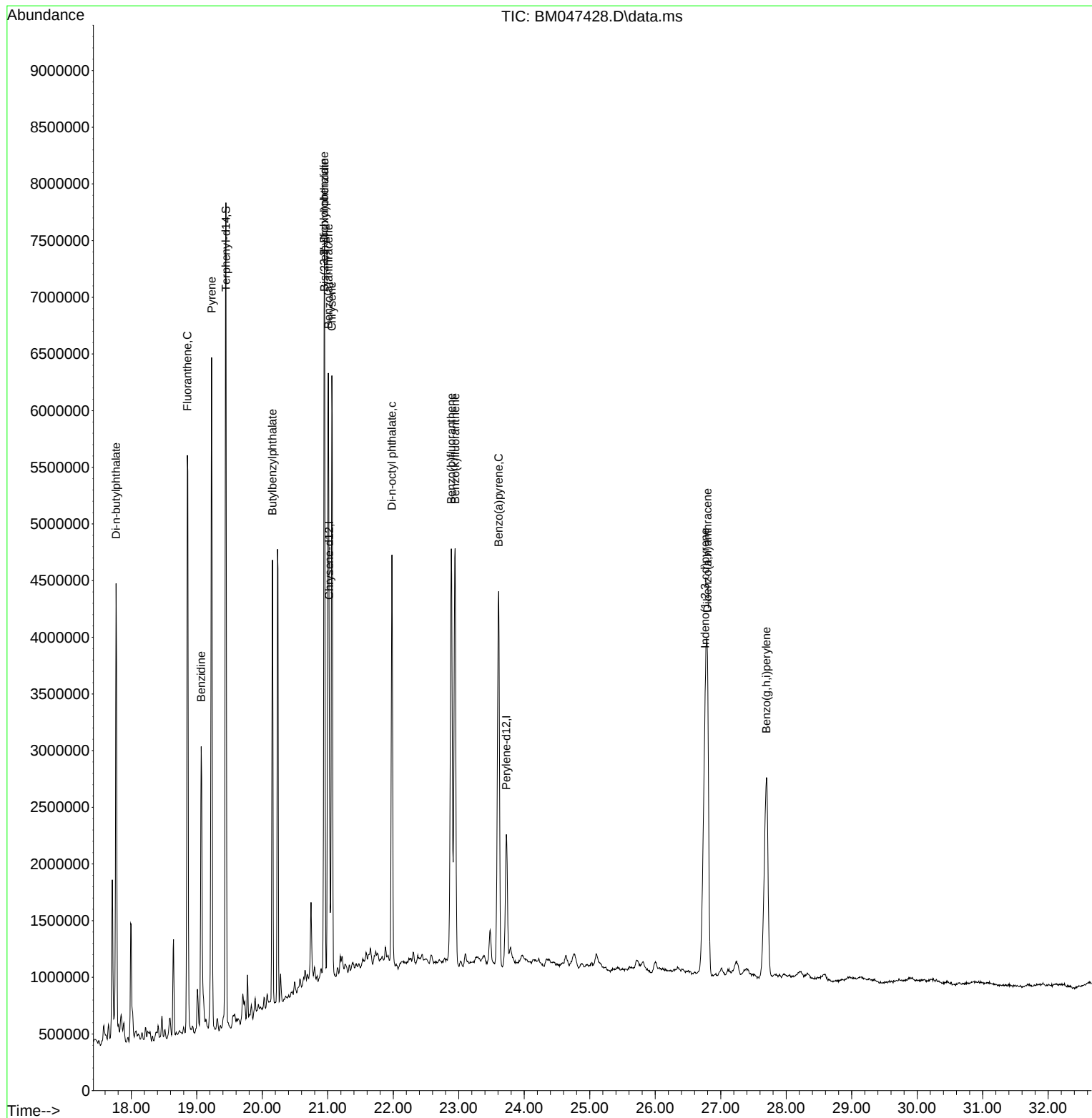
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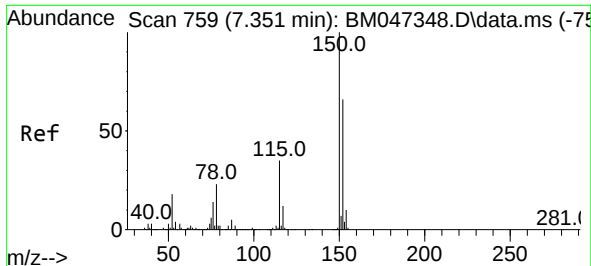


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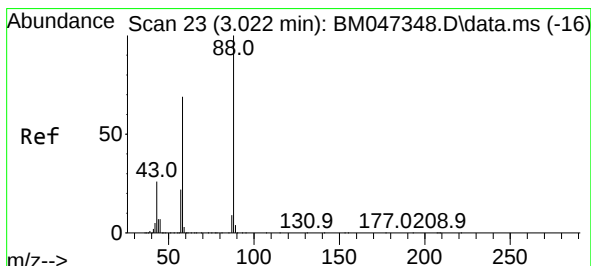
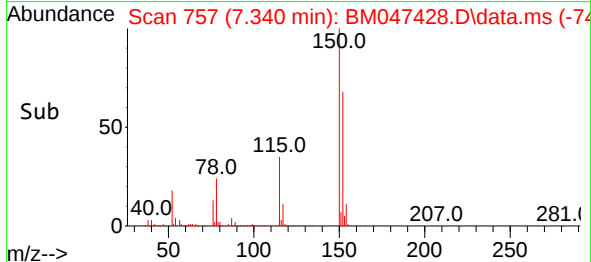
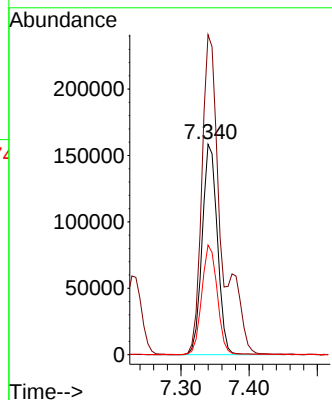
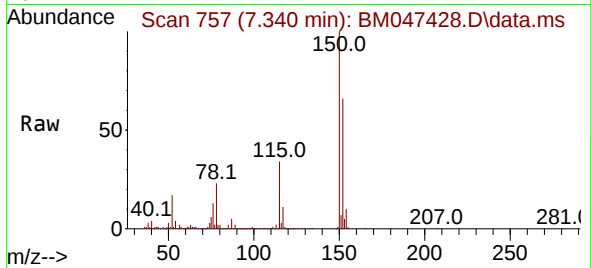




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.340 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BM047428.D
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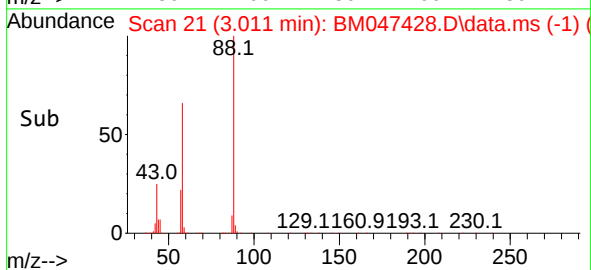
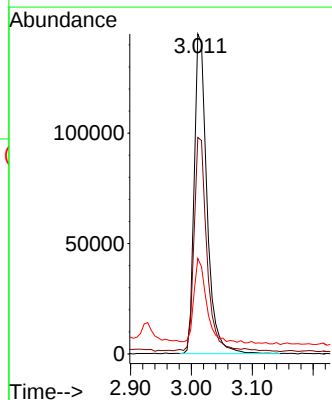
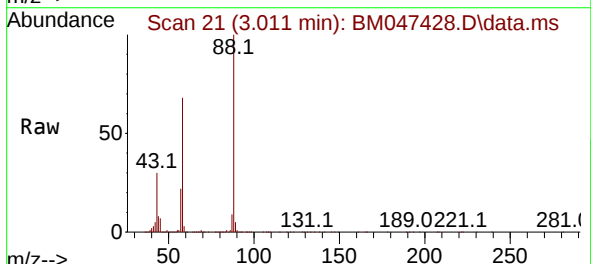
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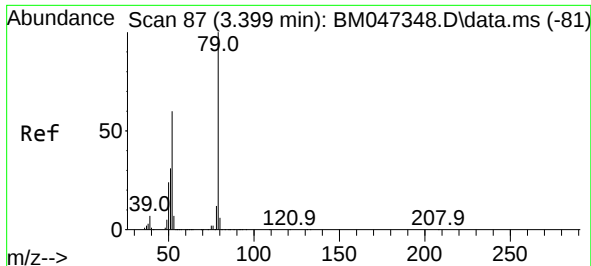
Tgt Ion:152 Resp: 246733
 Ion Ratio Lower Upper
 152 100
 150 152.0 121.3 181.9
 115 52.1 42.6 64.0



#2
 1,4-Dioxane
 Concen: 39.939 ng
 RT: 3.011 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047428.D
 Acq: 03 Sep 2024 16:43

Tgt Ion: 88 Resp: 210235
 Ion Ratio Lower Upper
 88 100
 58 68.5 55.4 83.0
 43 26.1 20.7 31.1

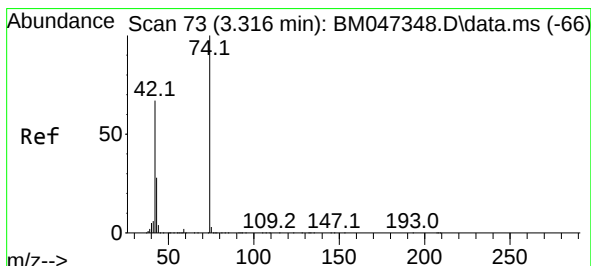
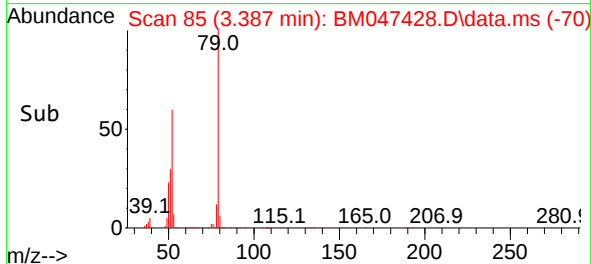
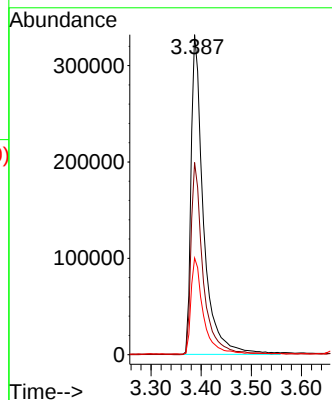
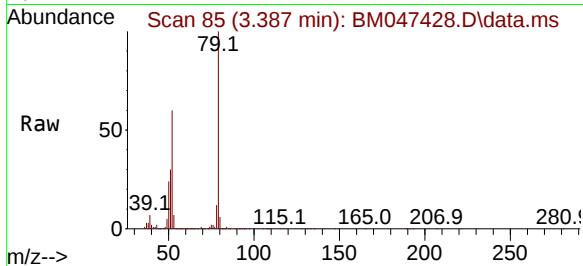




#3
 Pyridine
 Concen: 39.154 ng
 RT: 3.387 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM047428.D
 Acq: 03 Sep 2024 16:43

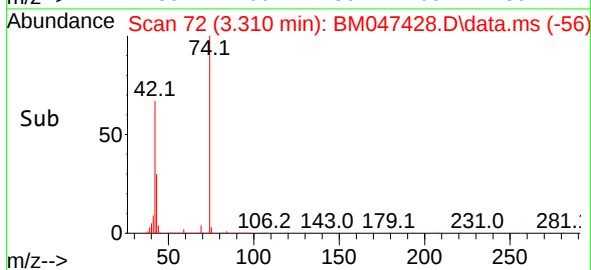
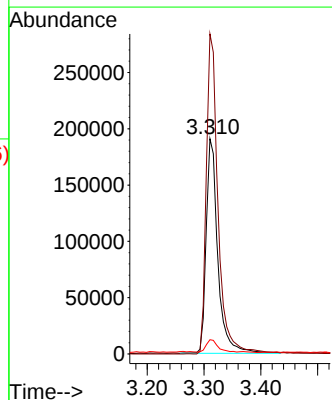
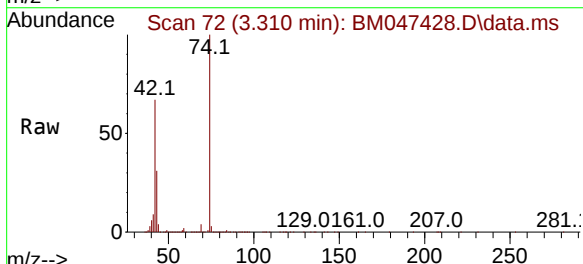
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Tgt Ion: 79 Resp: 572018
 Ion Ratio Lower Upper
 79 100
 52 60.1 47.8 71.6
 51 30.2 25.0 37.4



#4
 n-Nitrosodimethylamine
 Concen: 45.412 ng
 RT: 3.310 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BM047428.D
 Acq: 03 Sep 2024 16:43

Tgt Ion: 42 Resp: 270205
 Ion Ratio Lower Upper
 42 100
 74 148.7 119.2 178.8
 44 6.6 5.2 7.8

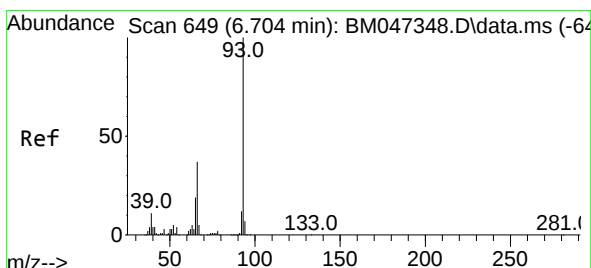
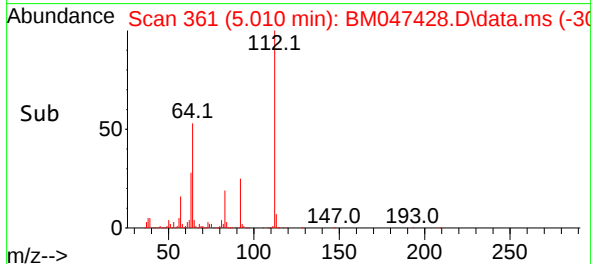
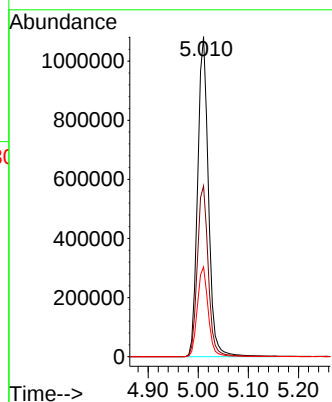
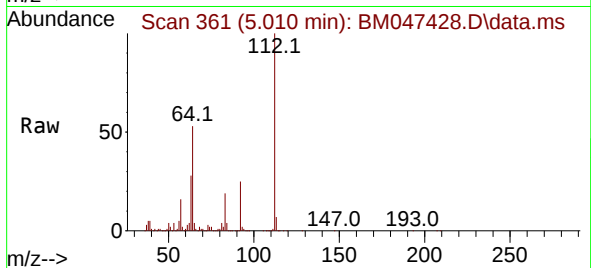




#5
2-Fluorophenol
Concen: 125.927 ng
RT: 5.010 min Scan# 360
Delta R.T. 0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

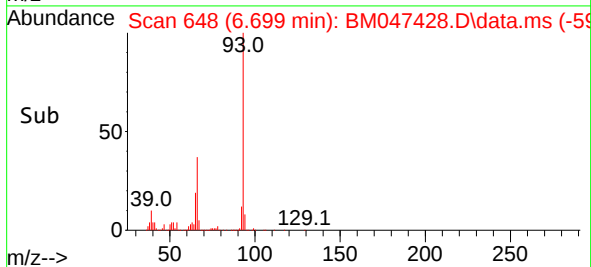
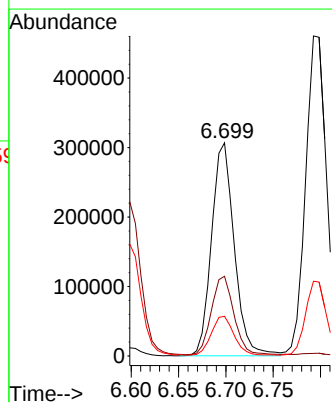
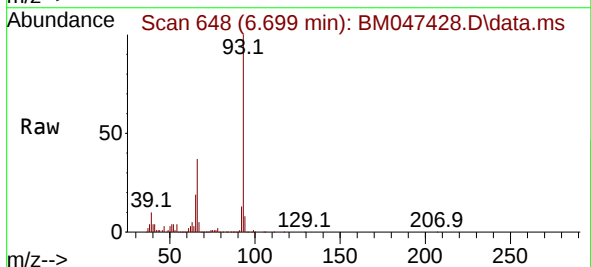
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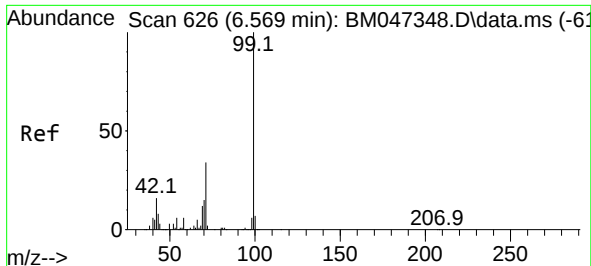
Tgt Ion:112 Resp: 1619460
Ion Ratio Lower Upper
112 100
64 53.4 45.7 68.5
63 28.0 23.8 35.8



#6
Aniline
Concen: 32.318 ng
RT: 6.699 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion: 93 Resp: 512804
Ion Ratio Lower Upper
93 100
66 37.4 30.0 45.0
65 18.6 15.5 23.3

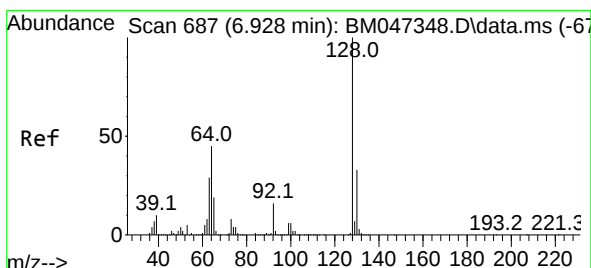
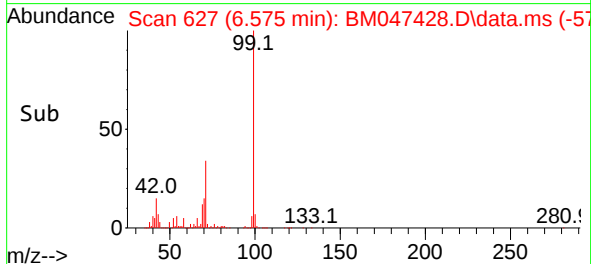
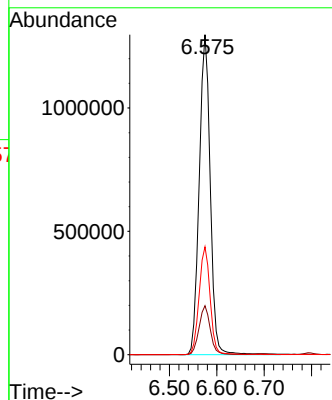
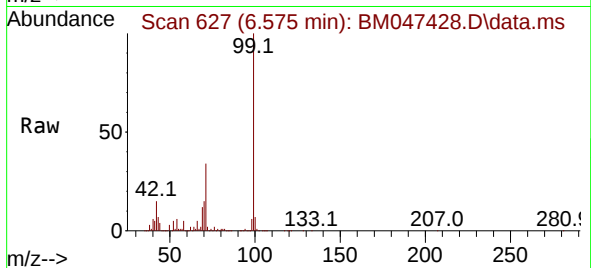




#7
Phenol-d6
Concen: 119.386 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047428.D
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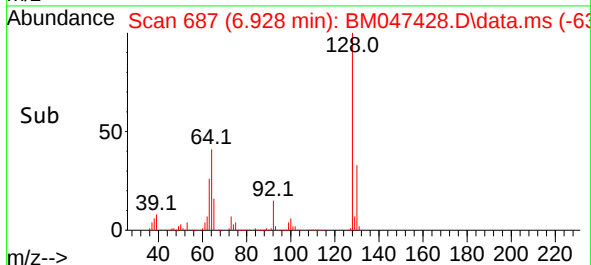
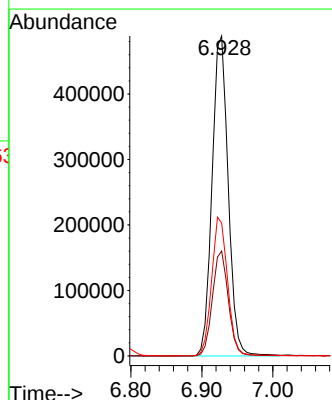
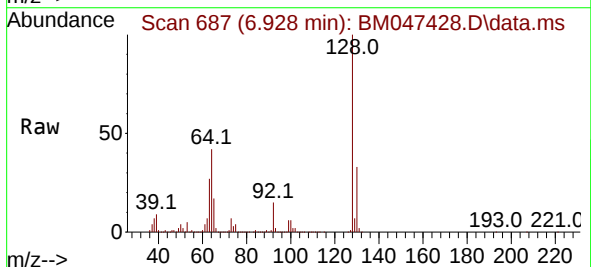
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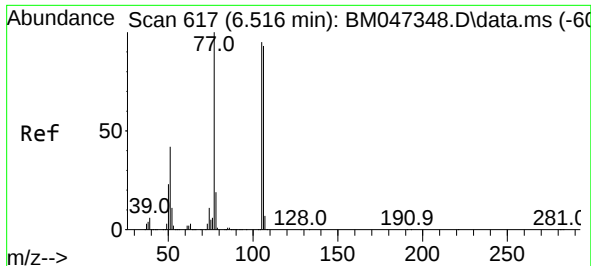
Tgt Ion: 99 Resp: 2091548
Ion Ratio Lower Upper
99 100
42 15.3 13.0 19.4
71 33.7 27.5 41.3



#8
2-Chlorophenol
Concen: 53.504 ng
RT: 6.928 min Scan# 687
Delta R.T. 0.000 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion: 128 Resp: 770158
Ion Ratio Lower Upper
128 100
130 32.8 12.9 52.9
64 41.5 25.3 65.3

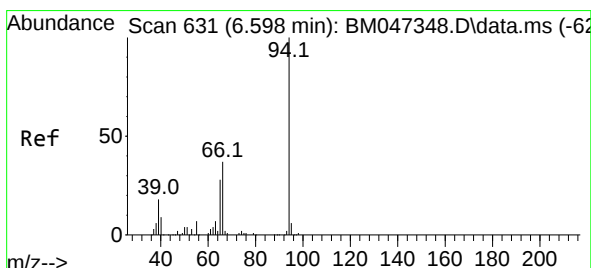
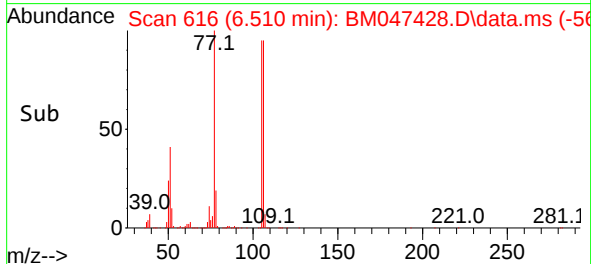
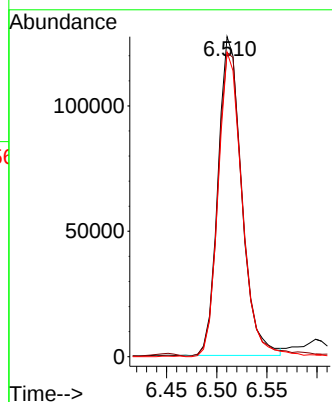
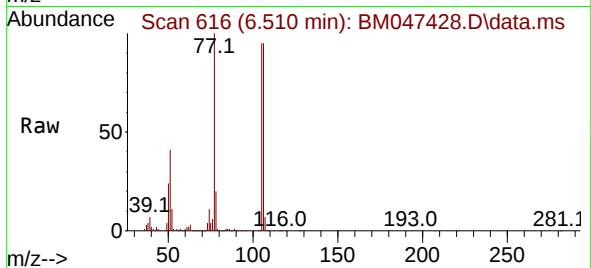




#9
Benzaldehyde
Concen: 19.181 ng
RT: 6.510 min Scan# 617
Delta R.T. -0.006 min
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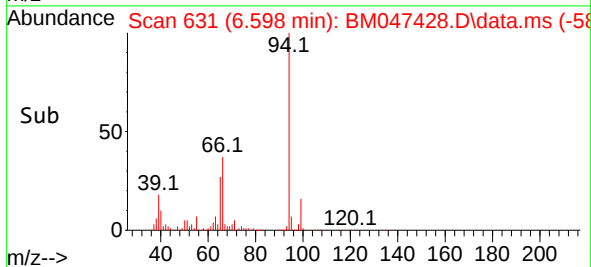
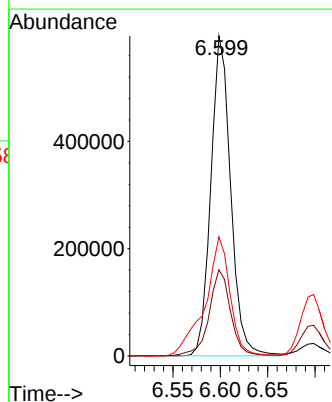
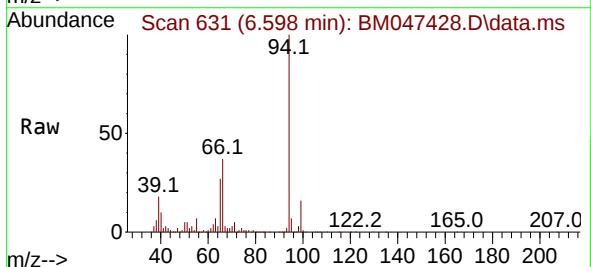
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

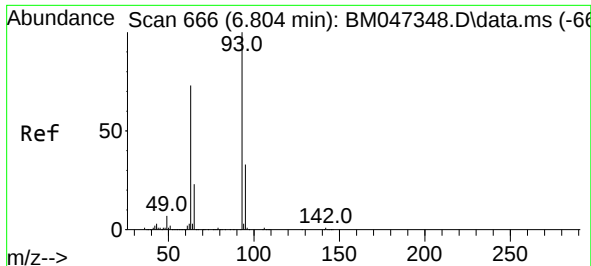
Tgt Ion: 77 Resp: 207269
Ion Ratio Lower Upper
77 100
105 95.0 74.9 114.9
106 95.2 72.6 112.6



#10
Phenol
Concen: 50.341 ng
RT: 6.598 min Scan# 631
Delta R.T. 0.000 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion: 94 Resp: 867692
Ion Ratio Lower Upper
94 100
65 27.0 7.9 47.9
66 37.2 17.3 57.3

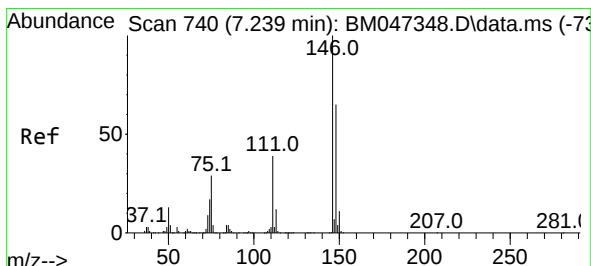
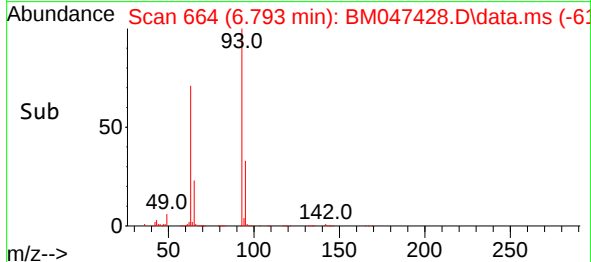
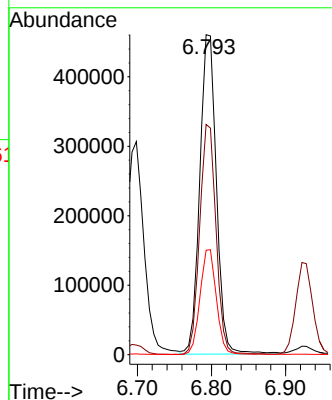
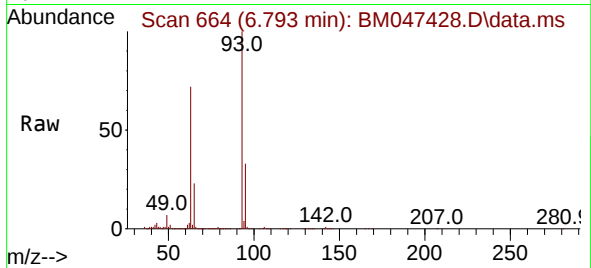




#11
bis(2-Chloroethyl)ether
Concen: 48.180 ng
RT: 6.793 min Scan# 666
Delta R.T. -0.012 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

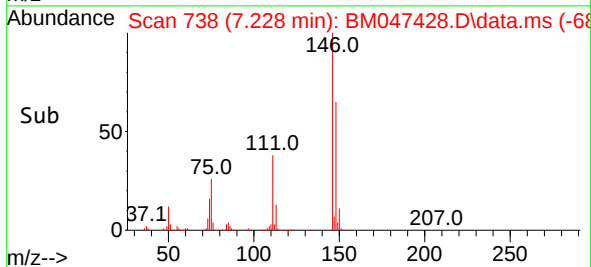
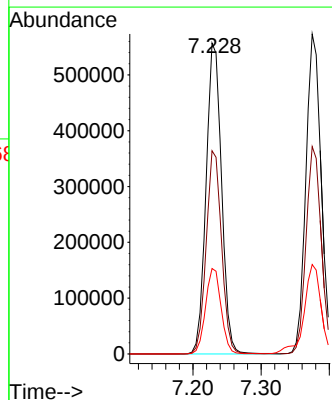
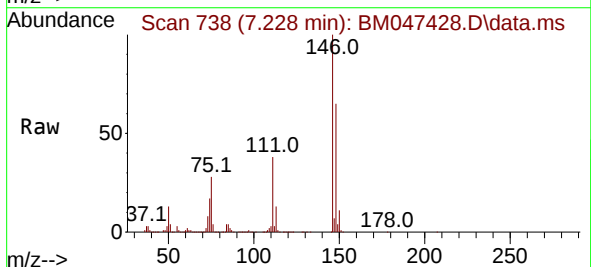
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

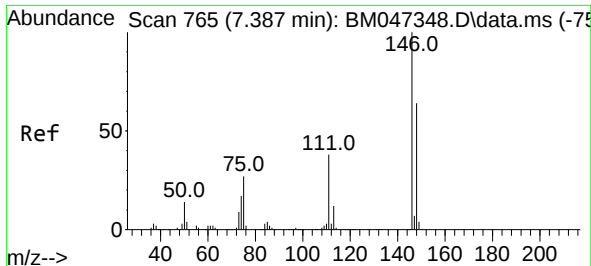
Tgt Ion: 93 Resp: 719664
Ion Ratio Lower Upper
93 100
63 71.9 52.2 92.2
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 50.008 ng
RT: 7.228 min Scan# 738
Delta R.T. -0.012 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion: 146 Resp: 880235
Ion Ratio Lower Upper
146 100
148 65.4 51.6 77.4
75 27.5 23.3 34.9

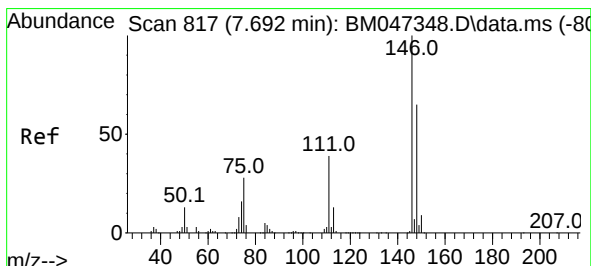
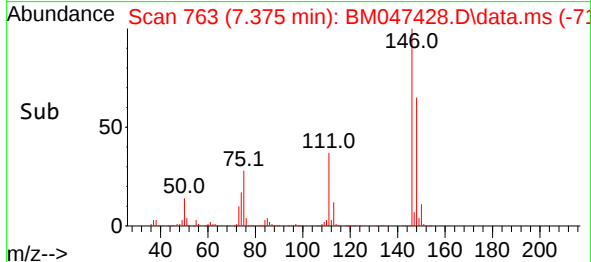
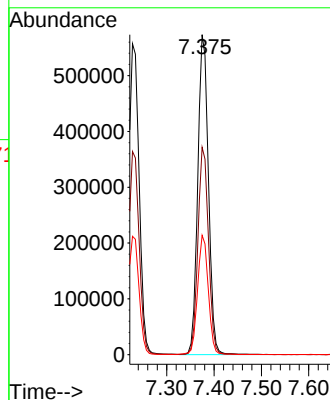
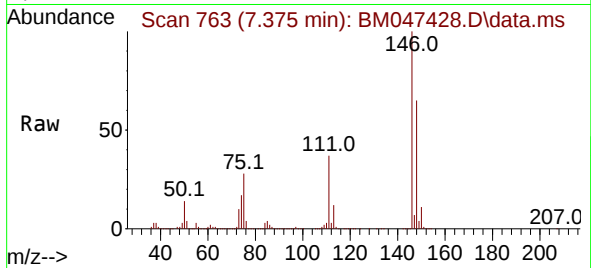




#13
1,4-Dichlorobenzene
Concen: 50.216 ng
RT: 7.375 min Scan# 765
Delta R.T. -0.012 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

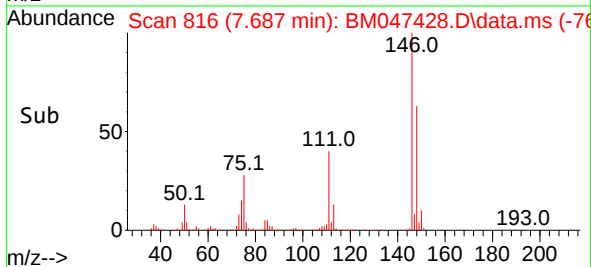
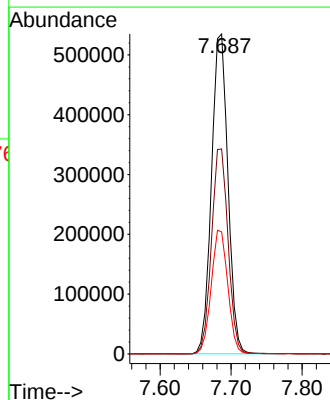
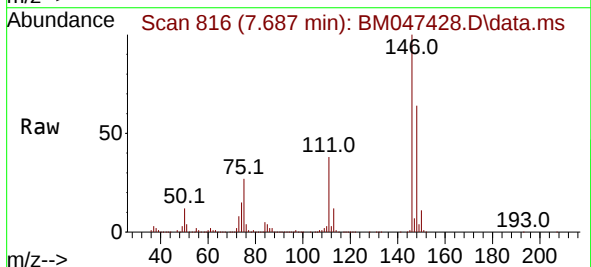
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

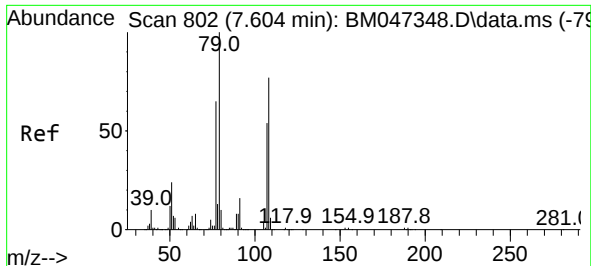
Tgt Ion:146 Resp: 895168
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
111 37.3 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 50.936 ng
RT: 7.687 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:146 Resp: 860481
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
111 38.2 31.7 47.5

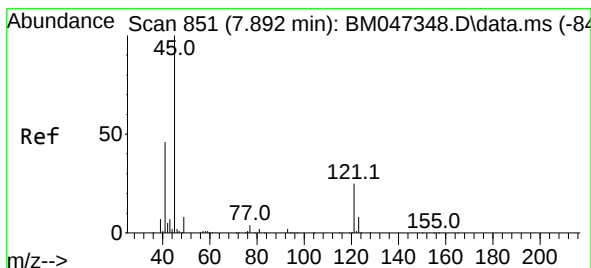
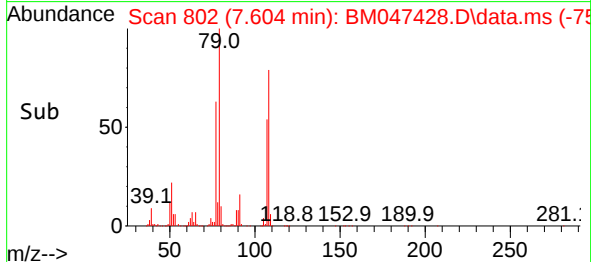
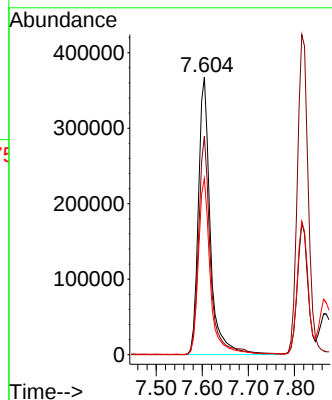
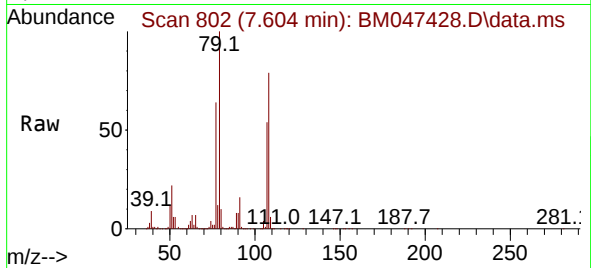




#15
Benzyl Alcohol
Concen: 54.240 ng
RT: 7.604 min Scan# 802
Delta R.T. 0.000 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

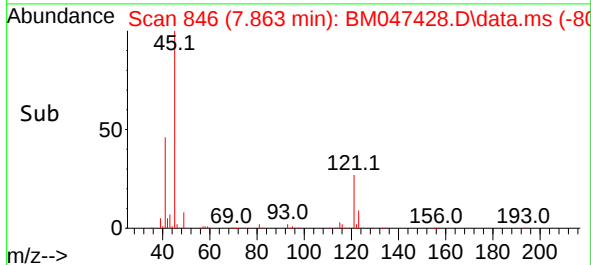
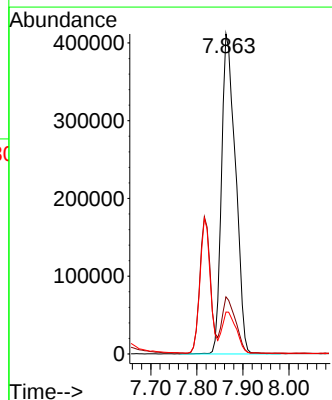
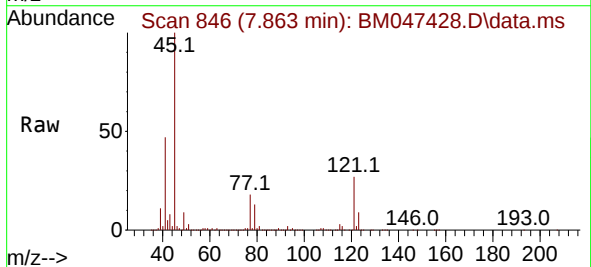
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

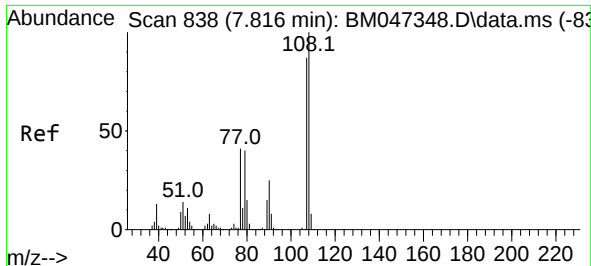
Tgt Ion: 79 Resp: 658789
Ion Ratio Lower Upper
79 100
108 78.8 61.1 91.7
77 63.5 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.314 ng
RT: 7.863 min Scan# 846
Delta R.T. -0.029 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion: 45 Resp: 865301
Ion Ratio Lower Upper
45 100
77 17.9 0.0 36.7
79 13.1 0.0 33.0

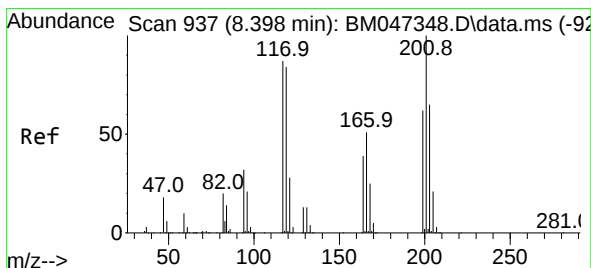
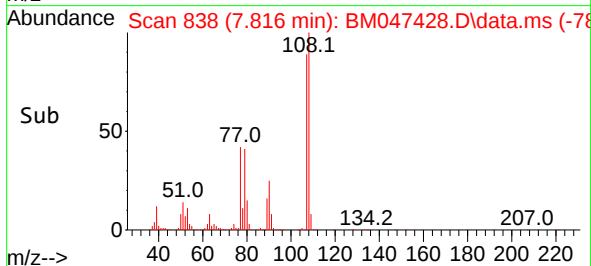
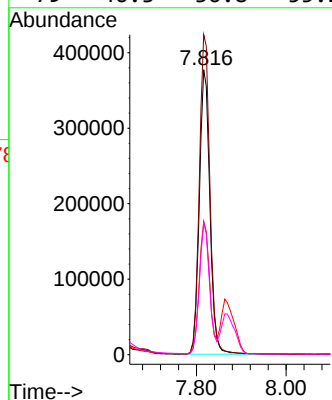
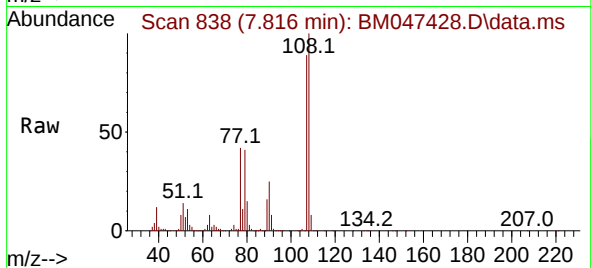




#17
2-Methylphenol
Concen: 51.200 ng
RT: 7.816 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

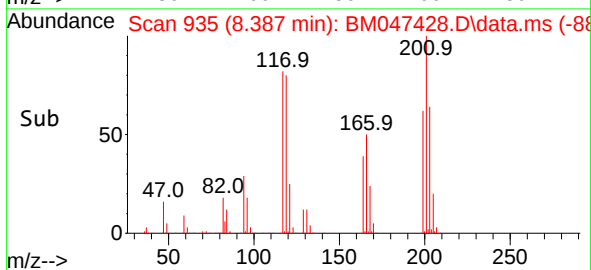
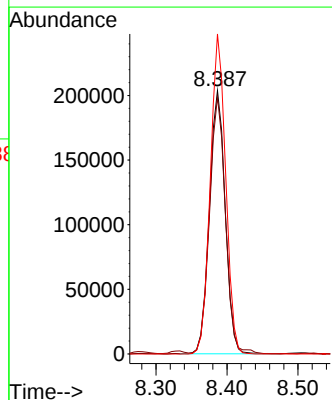
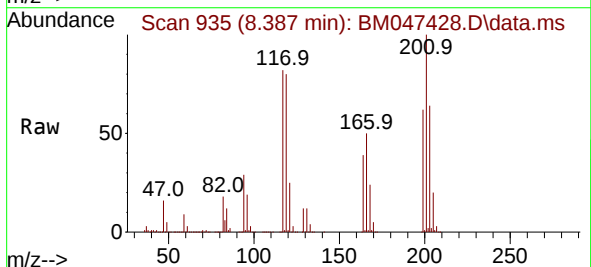
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

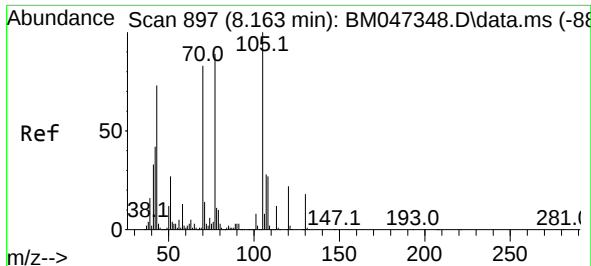
Tgt Ion:	107	Resp:	613140
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.6	137.4
77	46.8	38.0	57.0
79	46.3	36.8	55.2



#18
Hexachloroethane
Concen: 47.372 ng
RT: 8.387 min Scan# 935
Delta R.T. -0.012 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:	117	Resp:	315679
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.8	116.8
201	121.5	92.3	138.5



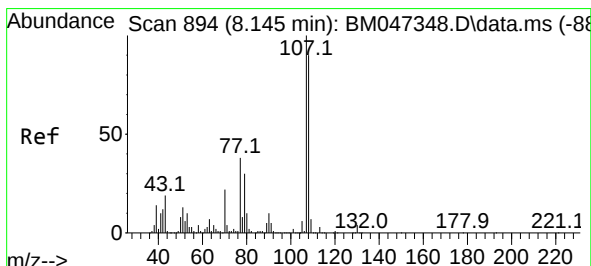
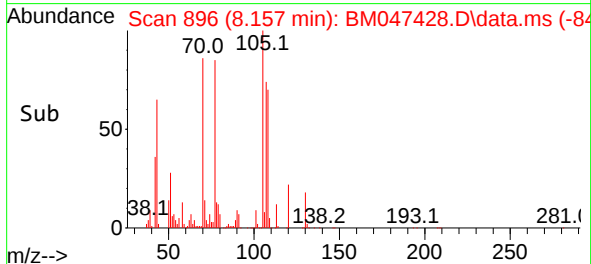
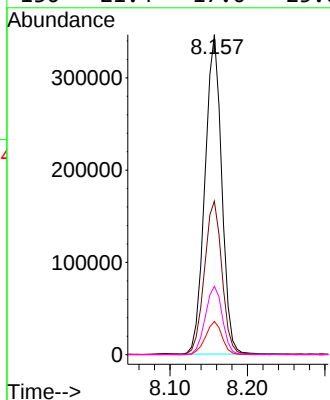
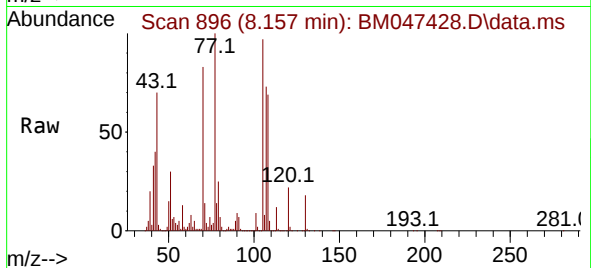


#19
n-Nitroso-di-n-propylamine
Concen: 43.143 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

Tgt Ion: 70 Resp: 519558

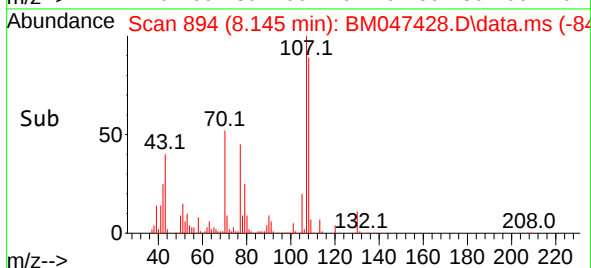
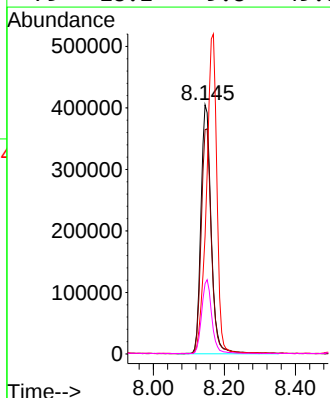
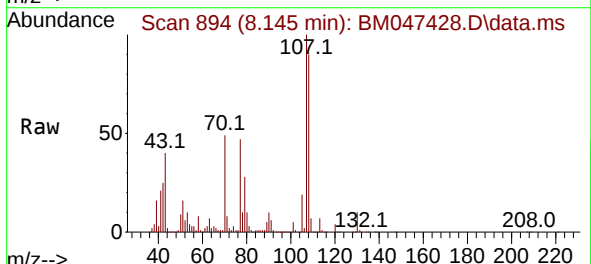
Ion	Ratio	Lower	Upper
70	100		
42	48.0	41.0	61.4
101	10.4	7.9	11.9
130	21.4	17.0	25.6

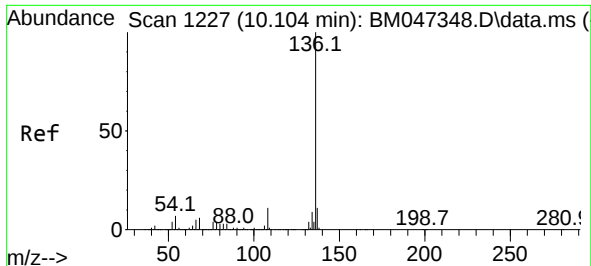


#20
3+4-Methylphenols
Concen: 48.874 ng
RT: 8.145 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion: 107 Resp: 813767

Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.8	109.8
77	47.3	18.0	58.0
79	28.2	9.8	49.8

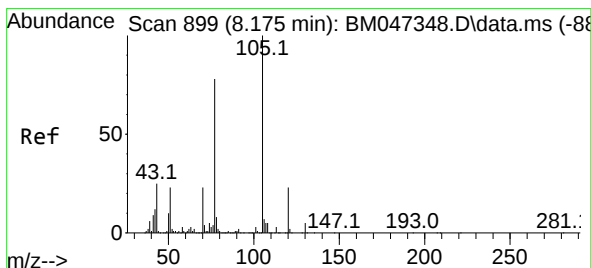
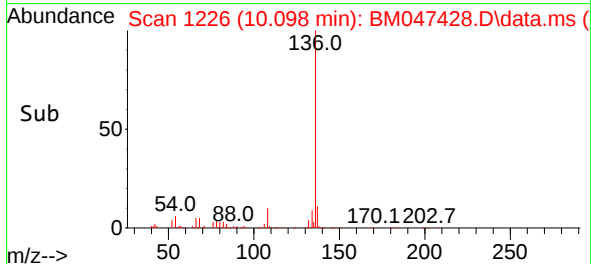
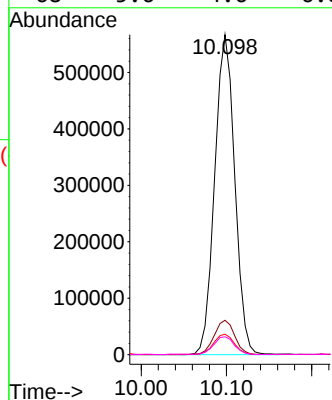
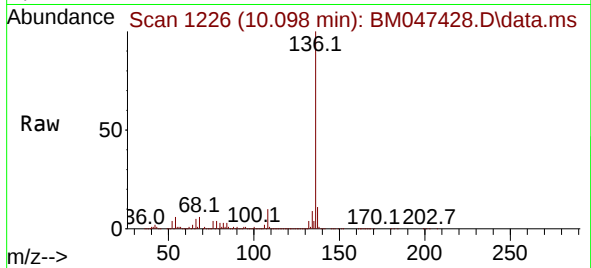




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

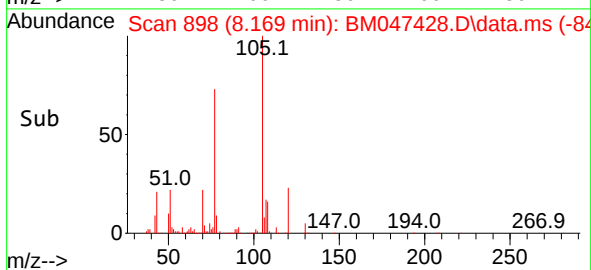
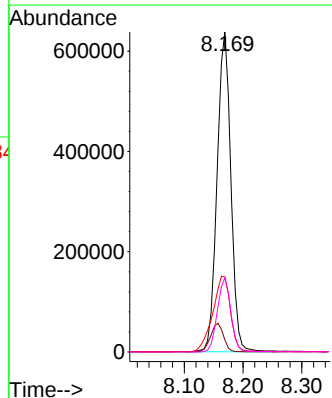
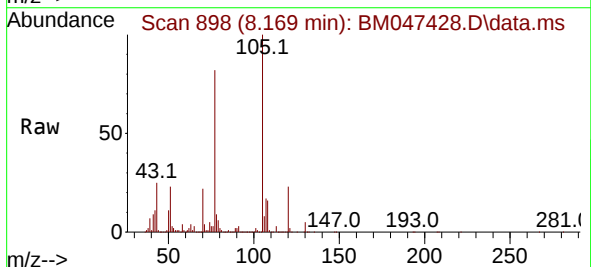
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

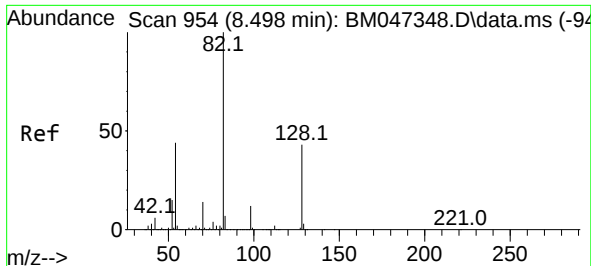
Tgt Ion:	136	Resp:	926995
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.4	5.2	7.8
68	5.6	4.6	6.8



#22
Acetophenone
Concen: 48.397 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:	105	Resp:	1041208
Ion	Ratio	Lower	Upper
105	100		
71	3.8	3.1	4.7
51	23.4	18.7	28.1
120	23.1	18.4	27.6





#23

Nitrobenzene-d5

Concen: 83.178 ng

RT: 8.498 min Scan# 954

Delta R.T. 0.000 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

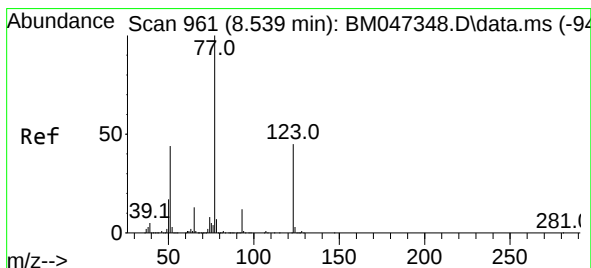
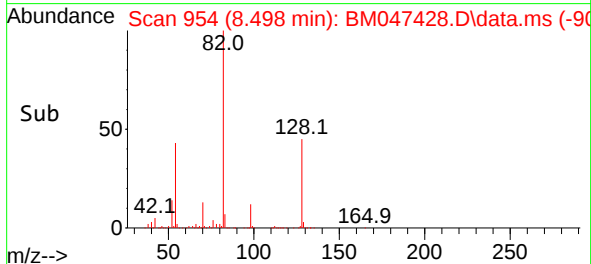
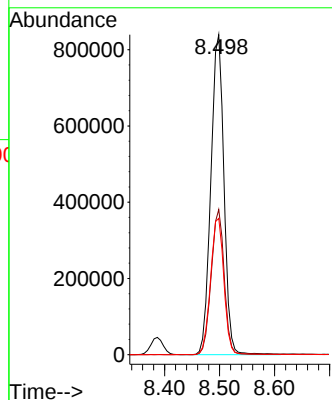
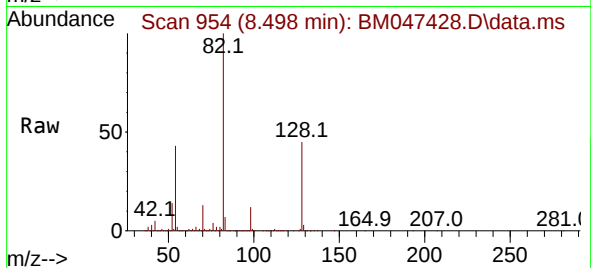
BNA_M

ClientSampleId :

TR-04-083024MSD

Tgt Ion: 82 Resp: 1389642

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	42.6	35.5	53.3



#24

Nitrobenzene

Concen: 47.757 ng

RT: 8.540 min Scan# 961

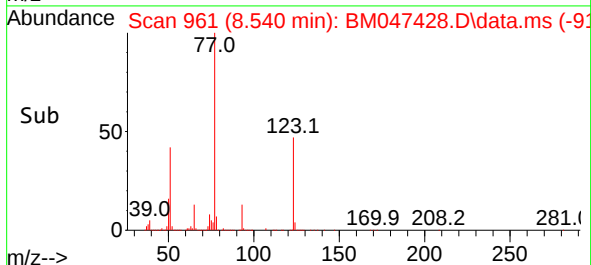
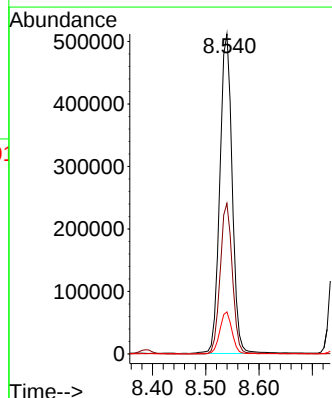
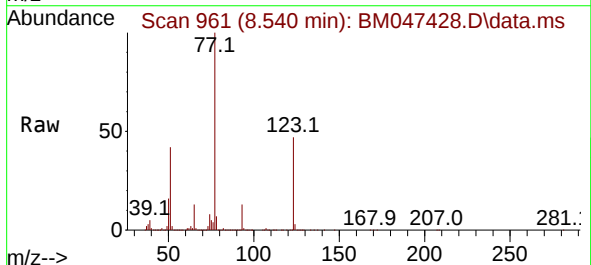
Delta R.T. 0.000 min

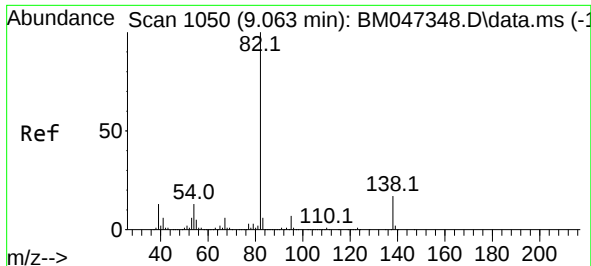
Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Tgt Ion: 77 Resp: 820603

Ion	Ratio	Lower	Upper
77	100		
123	47.0	35.6	53.4
65	13.2	10.5	15.7

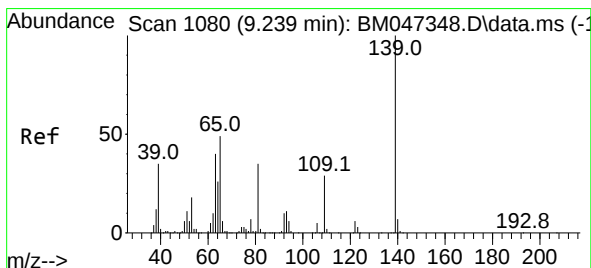
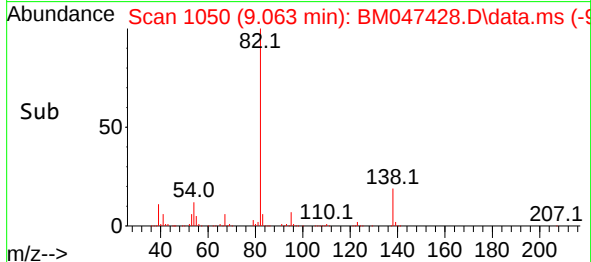
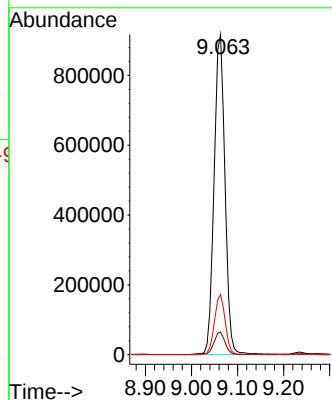
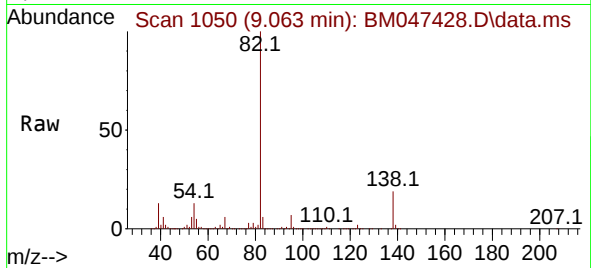




#25
Isophorone
Concen: 47.651 ng
RT: 9.063 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

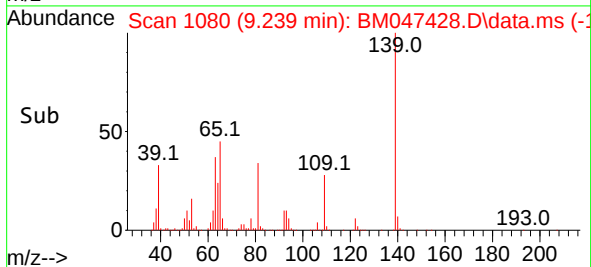
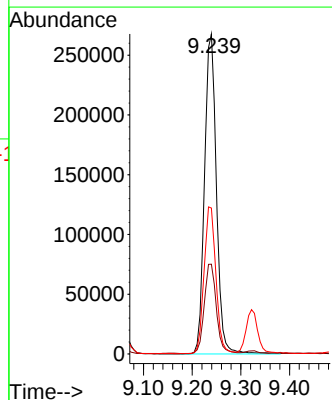
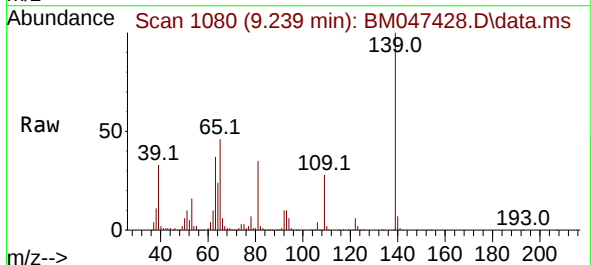
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

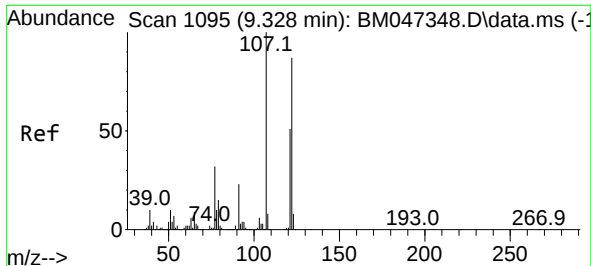
Tgt Ion: 82 Resp: 1504648
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.8 13.9 20.9



#26
2-Nitrophenol
Concen: 53.595 ng
RT: 9.239 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:139 Resp: 452978
Ion Ratio Lower Upper
139 100
109 28.0 23.4 35.0
65 45.6 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 64.343 ng

RT: 9.322 min Scan# 1094

Delta R.T. -0.006 min

Lab File: BM047428.D

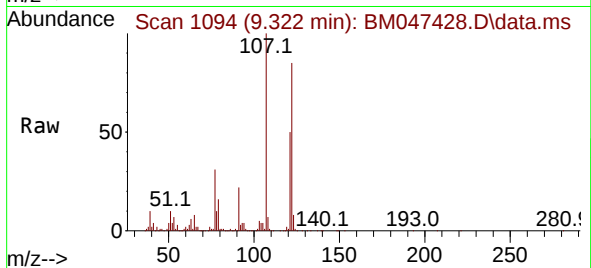
Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD



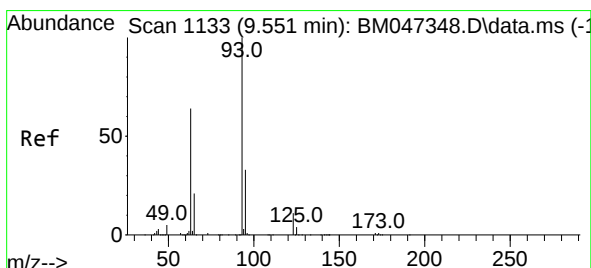
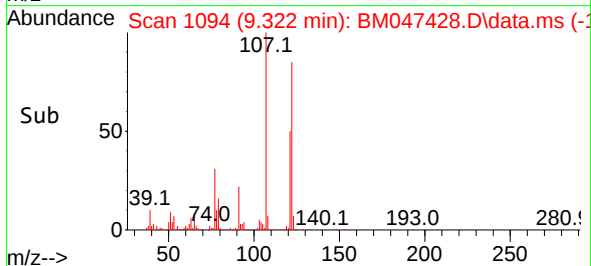
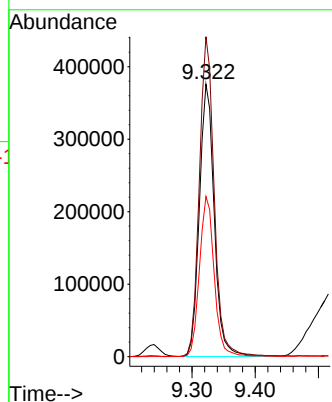
Tgt Ion:122 Resp: 613843

Ion Ratio Lower Upper

122 100

107 117.5 91.9 137.9

121 58.8 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 48.532 ng

RT: 9.539 min Scan# 1131

Delta R.T. -0.012 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

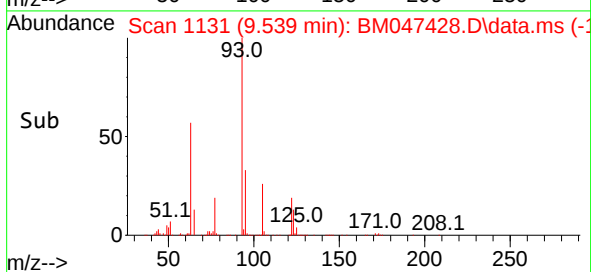
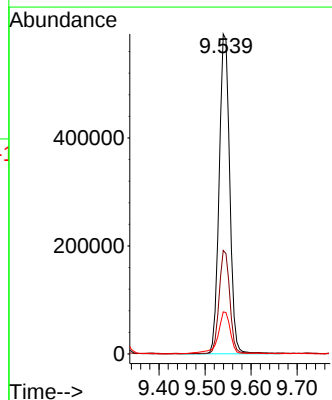
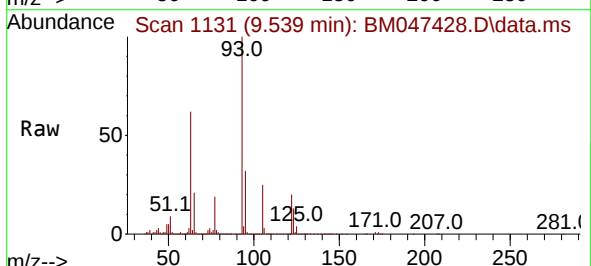
Tgt Ion: 93 Resp: 938424

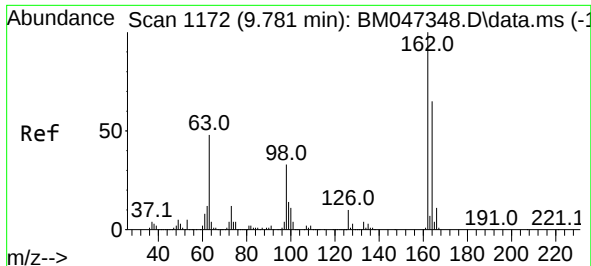
Ion Ratio Lower Upper

93 100

95 32.4 26.6 39.8

123 13.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 55.745 ng

RT: 9.781 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

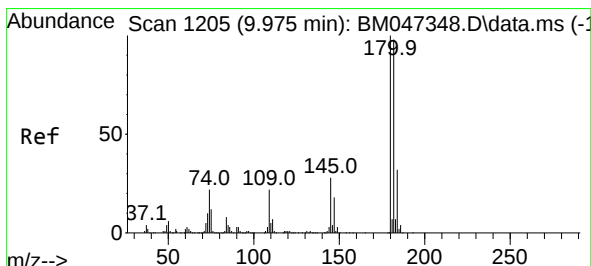
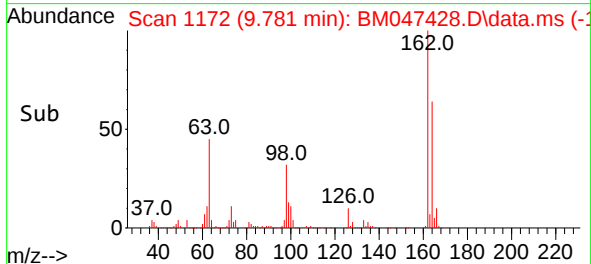
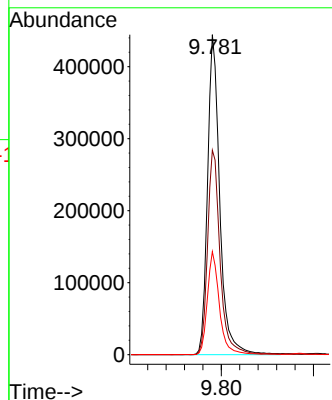
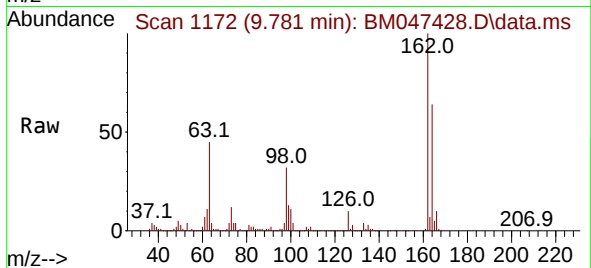
Tgt Ion:162 Resp: 824971

Ion Ratio Lower Upper

162 100

164 63.9 44.6 84.6

98 32.2 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 51.398 ng

RT: 9.969 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

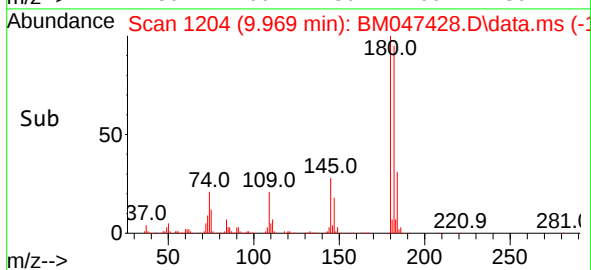
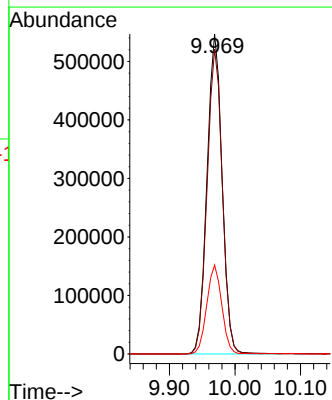
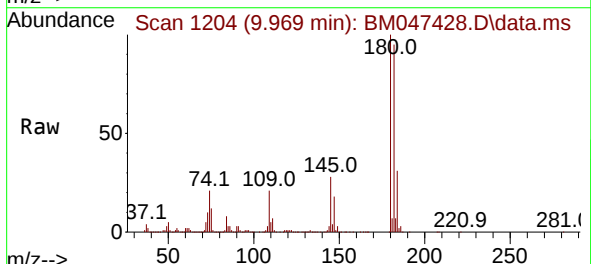
Tgt Ion:180 Resp: 878574

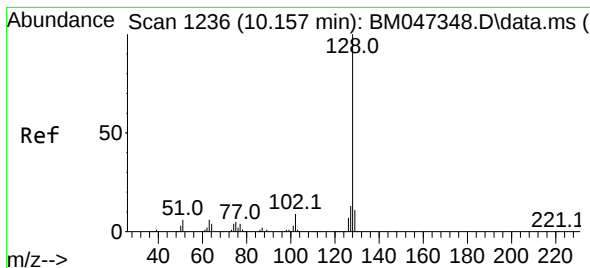
Ion Ratio Lower Upper

180 100

182 95.3 78.2 117.2

145 27.8 22.3 33.5

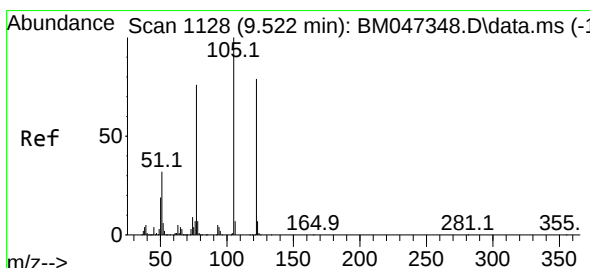
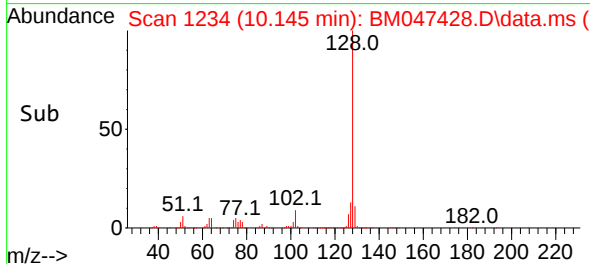
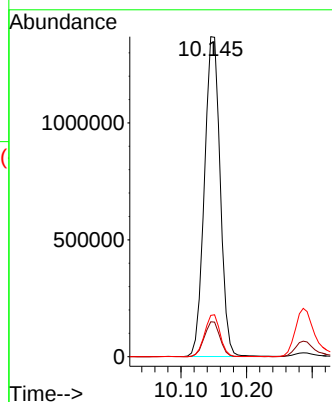
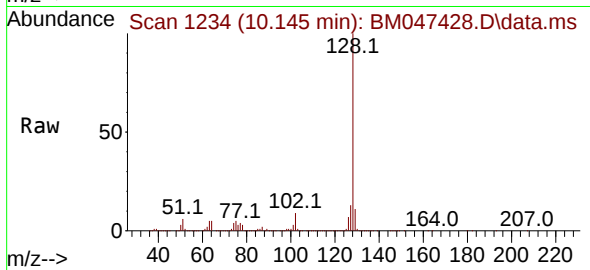




#31
Naphthalene
Concen: 50.571 ng
RT: 10.145 min Scan# 1133
Delta R.T. -0.012 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

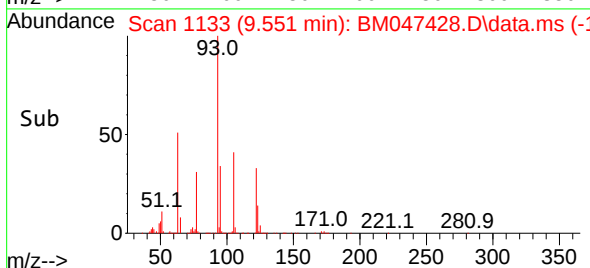
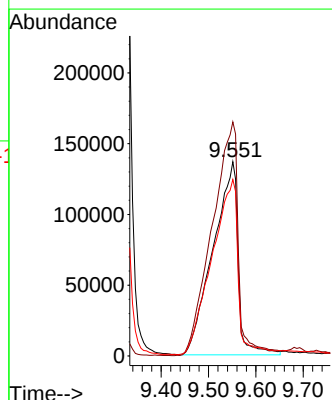
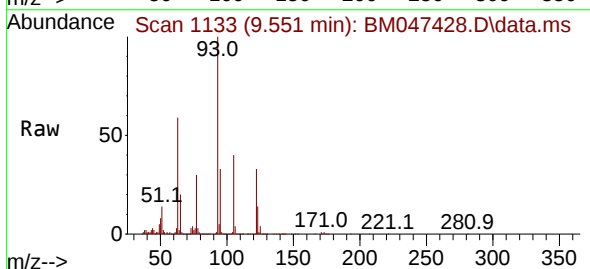
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

Tgt Ion:128 Resp: 2289676
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 44.050 ng
RT: 9.551 min Scan# 1133
Delta R.T. 0.029 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:122 Resp: 501816
Ion Ratio Lower Upper
122 100
105 120.5 106.0 146.0
77 90.9 76.3 116.3





#33

4-Chloroaniline

Concen: 26.684 ng

RT: 10.287 min Scan# 1258

Delta R.T. -0.006 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

Tgt Ion:127 Resp: 449220

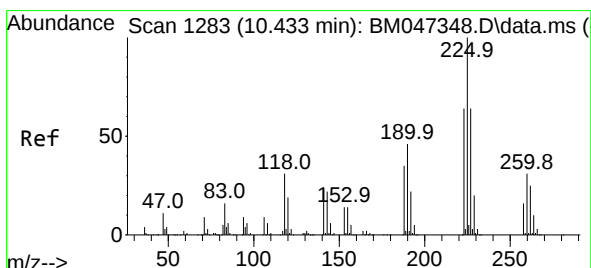
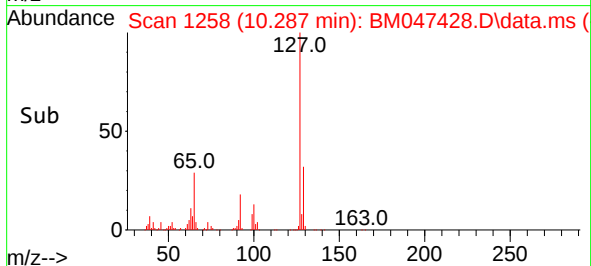
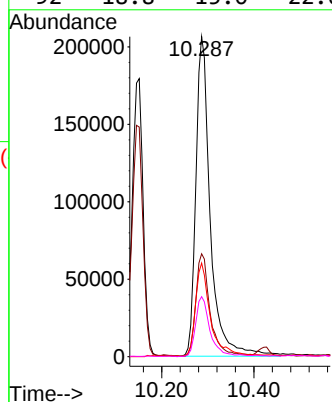
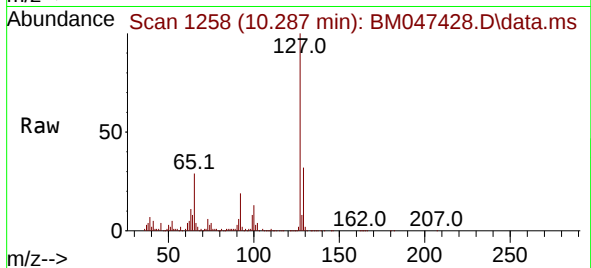
Ion Ratio Lower Upper

127 100

129 32.2 25.8 38.8

65 29.3 24.2 36.2

92 18.8 15.0 22.6



#34

Hexachlorobutadiene

Concen: 54.398 ng

RT: 10.422 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

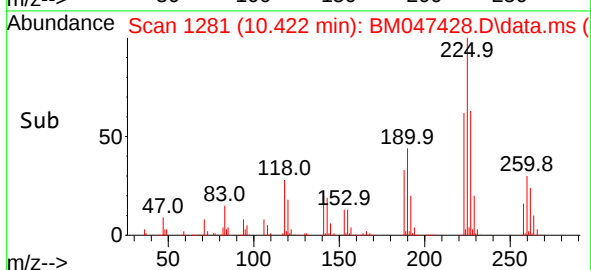
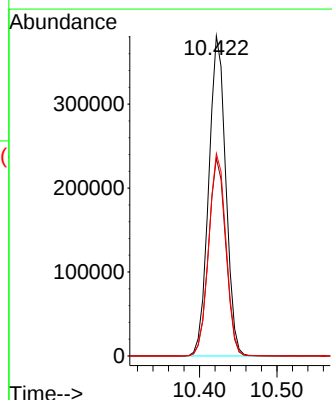
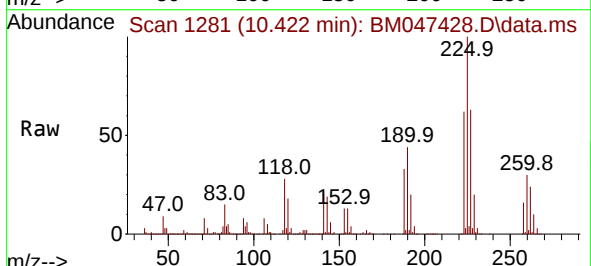
Tgt Ion:225 Resp: 580725

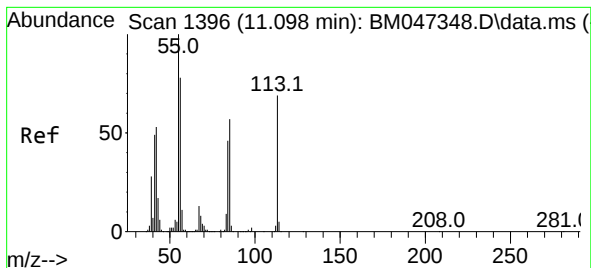
Ion Ratio Lower Upper

225 100

223 61.8 51.1 76.7

227 63.3 51.0 76.6





#35

Caprolactam

Concen: 49.925 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

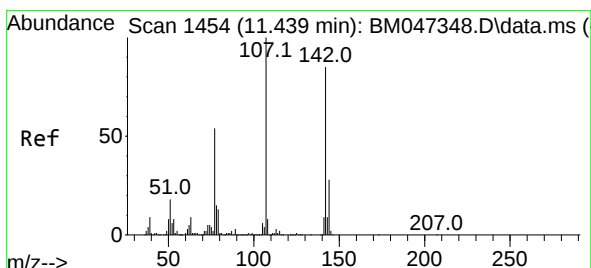
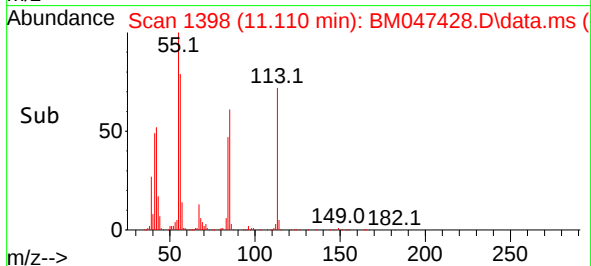
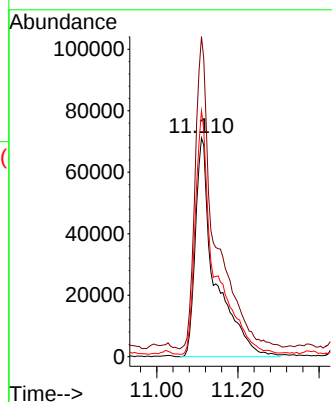
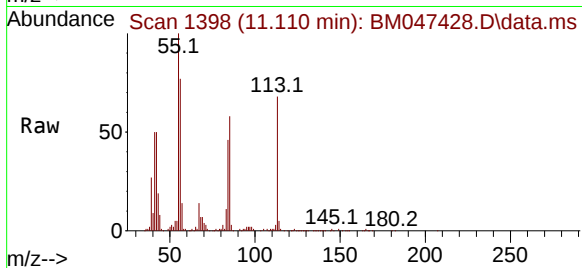
Tgt Ion:113 Resp: 239344

Ion Ratio Lower Upper

113 100

55 146.3 126.2 166.2

56 112.4 93.2 133.2



#36

4-Chloro-3-methylphenol

Concen: 49.542 ng

RT: 11.451 min Scan# 1456

Delta R.T. 0.012 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

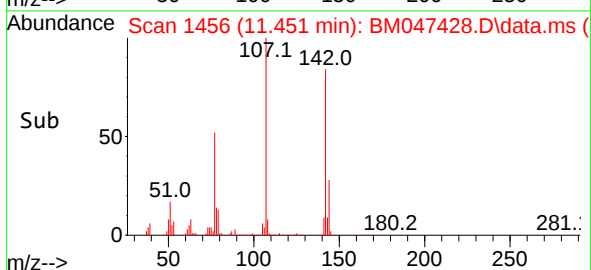
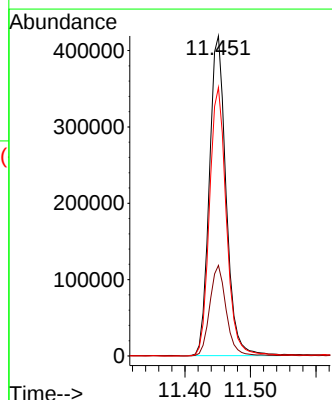
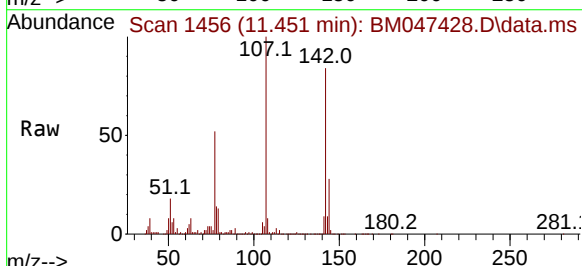
Tgt Ion:107 Resp: 744549

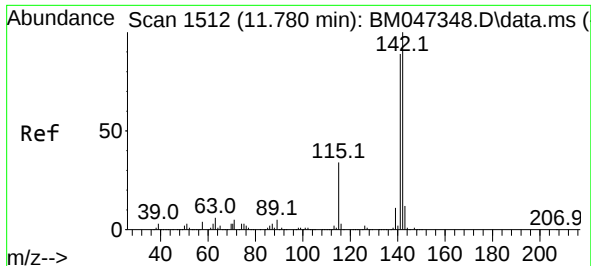
Ion Ratio Lower Upper

107 100

144 28.3 22.2 33.4

142 83.9 67.7 101.5

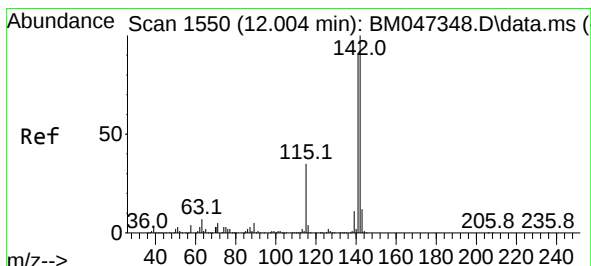
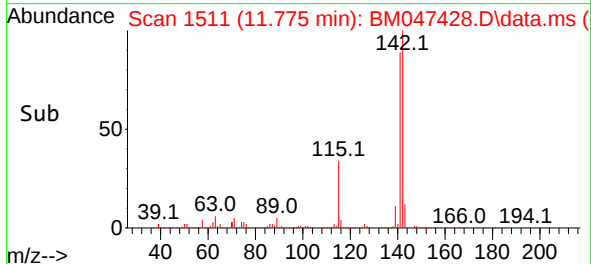
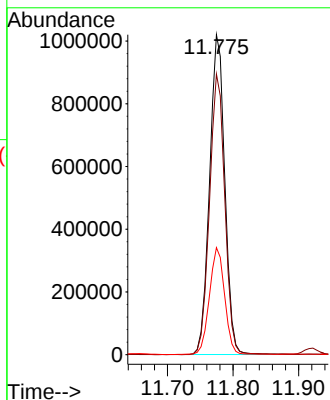
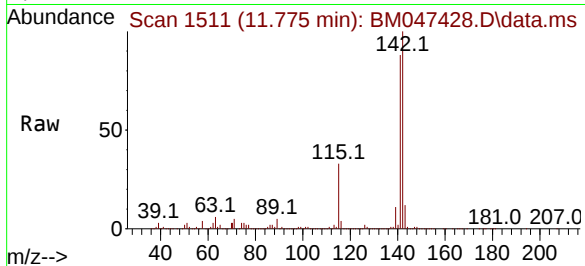




#37
2-Methylnaphthalene
Concen: 49.856 ng
RT: 11.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

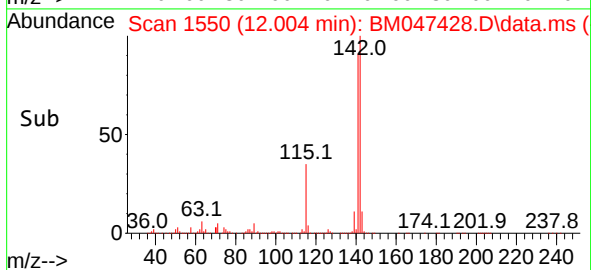
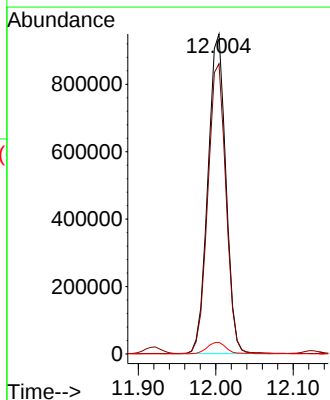
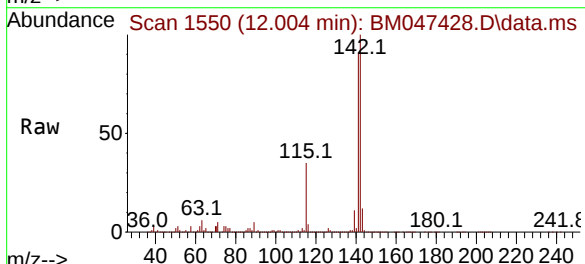
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

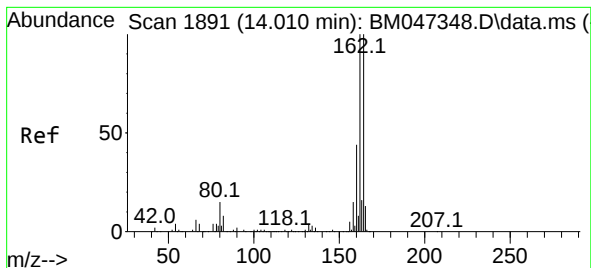
Tgt Ion:142 Resp: 1645861
Ion Ratio Lower Upper
142 100
141 87.7 70.8 106.2
115 33.5 27.5 41.3



#38
1-Methylnaphthalene
Concen: 46.724 ng
RT: 12.004 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:142 Resp: 1525523
Ion Ratio Lower Upper
142 100
141 90.7 72.9 109.3
116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.010 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

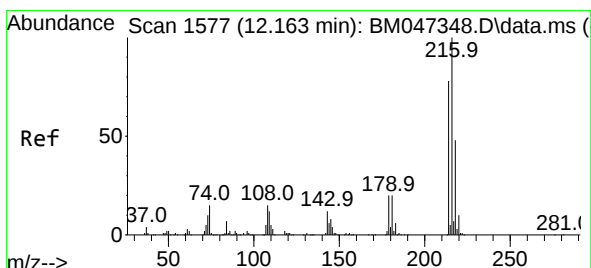
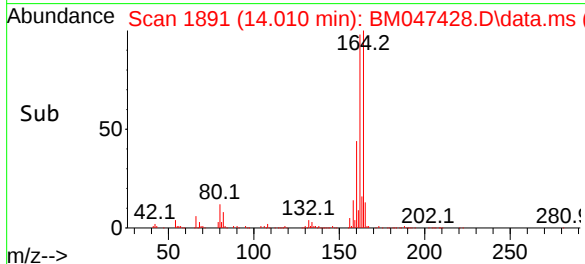
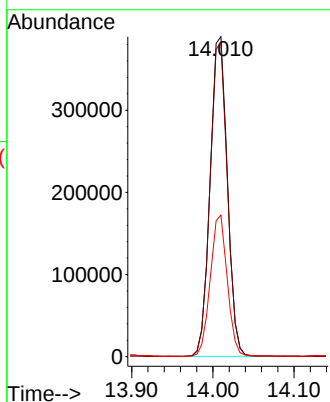
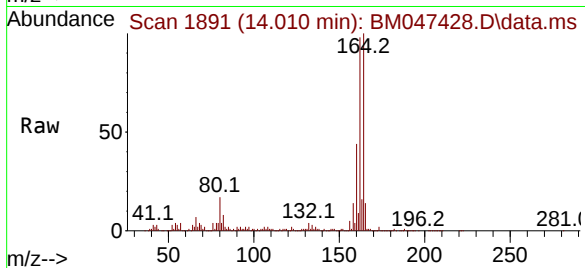
Tgt Ion:164 Resp: 574254

Ion Ratio Lower Upper

164 100

162 98.2 79.7 119.5

160 44.3 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.933 ng

RT: 12.163 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Tgt Ion:216 Resp: 985131

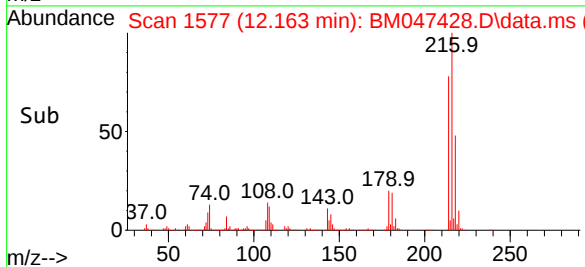
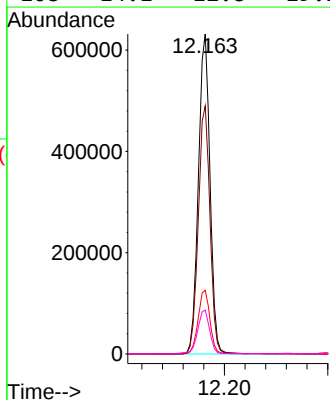
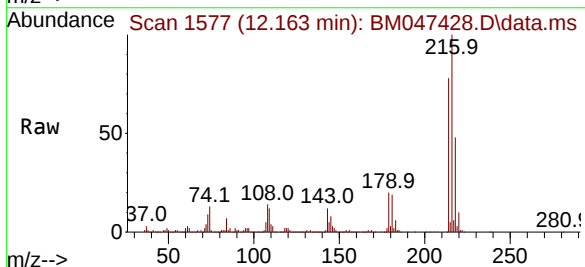
Ion Ratio Lower Upper

216 100

214 77.9 62.6 94.0

179 20.1 16.6 24.8

108 14.1 12.8 19.2

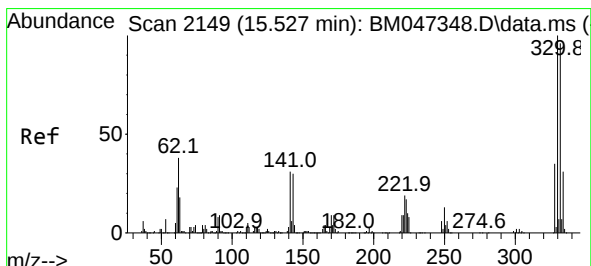
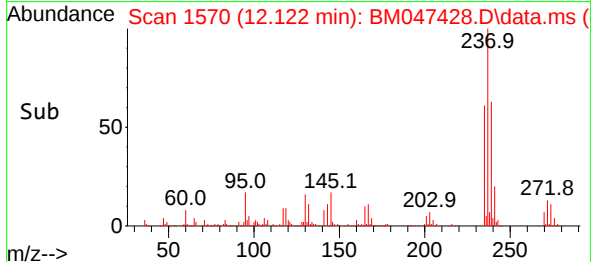
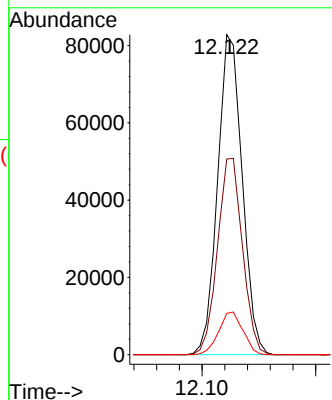
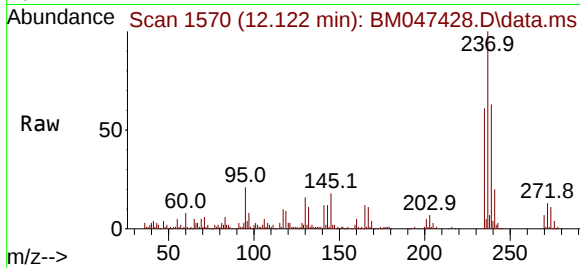




#41
Hexachlorocyclopentadiene
Concen: 23.233 ng
RT: 12.122 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

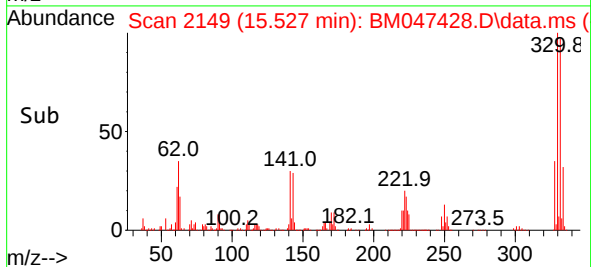
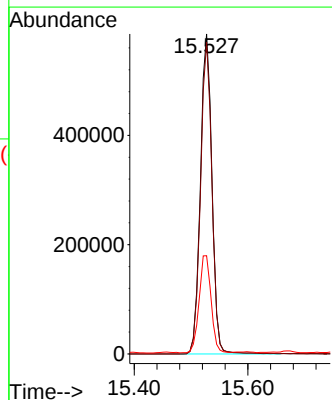
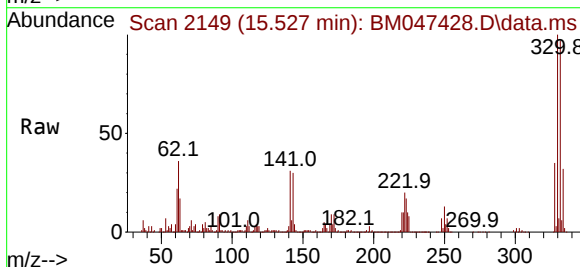
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

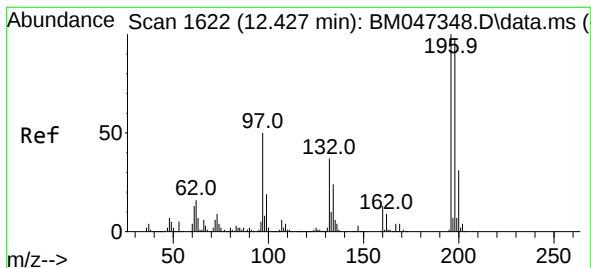
Tgt Ion:237 Resp: 124686
Ion Ratio Lower Upper
237 100
235 61.1 42.1 82.1
272 12.9 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 119.287 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:330 Resp: 826456
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 31.4 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 57.100 ng

RT: 12.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

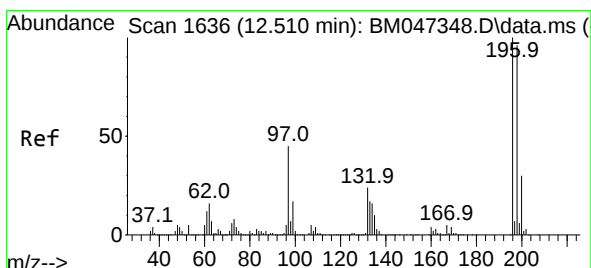
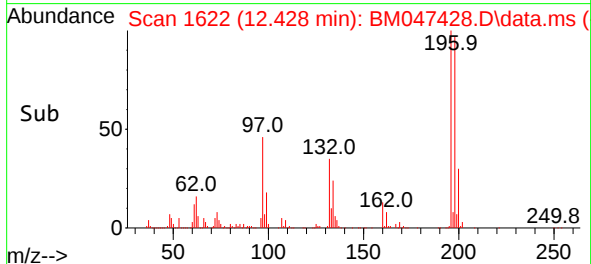
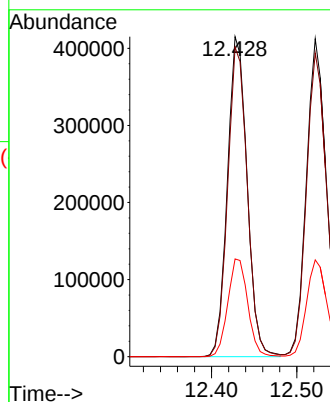
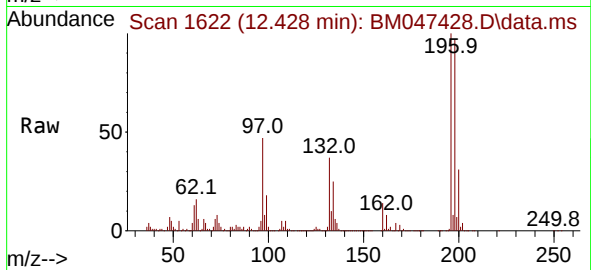
Tgt Ion:196 Resp: 665617

Ion Ratio Lower Upper

196 100

198 96.7 78.2 117.2

200 30.6 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 54.441 ng

RT: 12.522 min Scan# 1638

Delta R.T. 0.012 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Tgt Ion:196 Resp: 704783

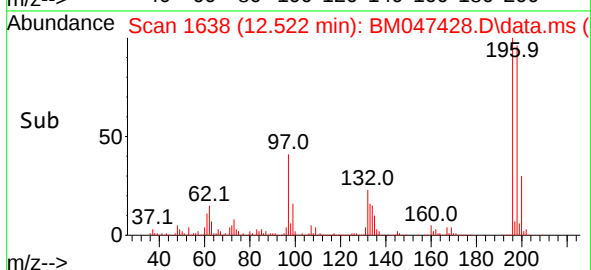
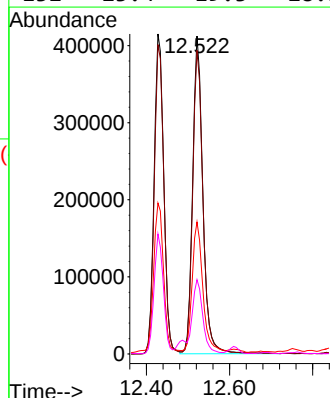
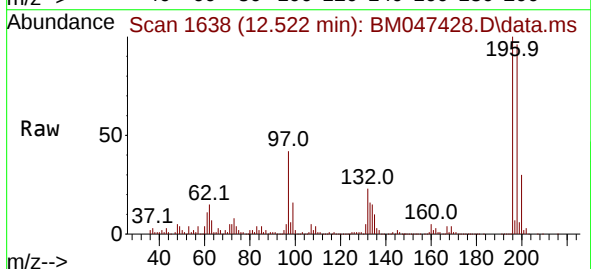
Ion Ratio Lower Upper

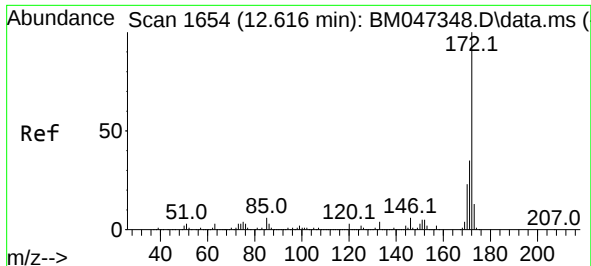
196 100

198 95.5 76.6 115.0

97 41.5 35.9 53.9

132 23.4 19.3 28.9

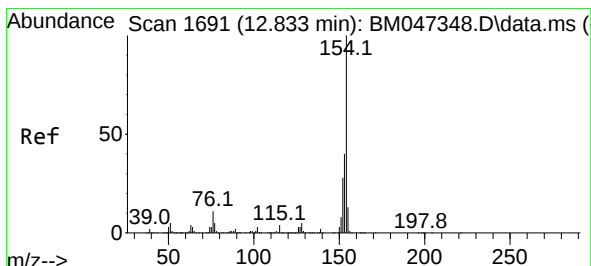
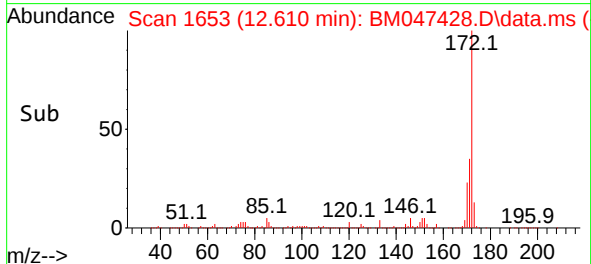
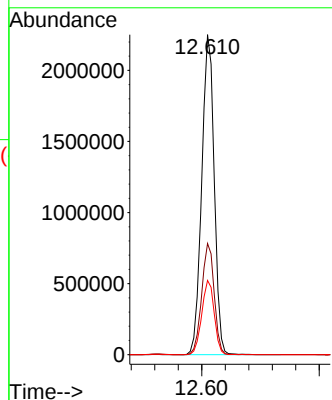
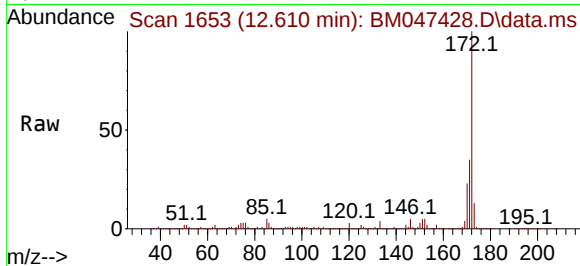




#45
2-Fluorobiphenyl
Concen: 88.676 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

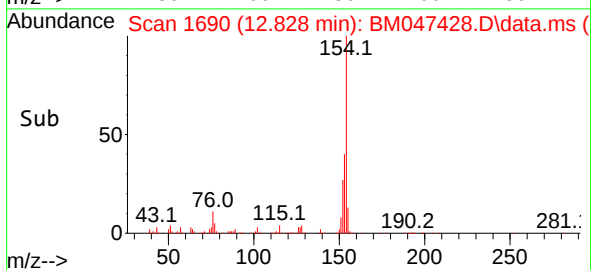
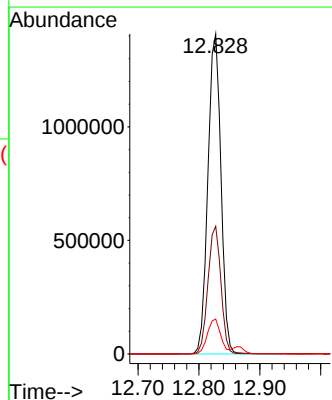
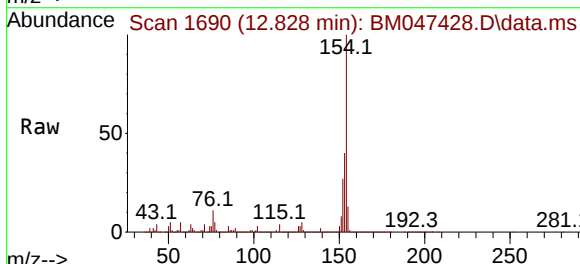
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

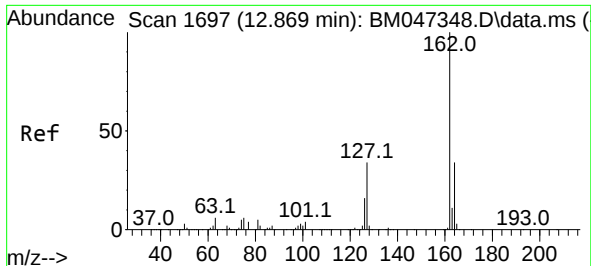
Tgt Ion:172 Resp: 3314177
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.2 18.5 27.7



#46
1,1'-Biphenyl
Concen: 52.326 ng
RT: 12.828 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:154 Resp: 2098129
Ion Ratio Lower Upper
154 100
153 39.9 20.1 60.1
76 10.9 0.0 31.2

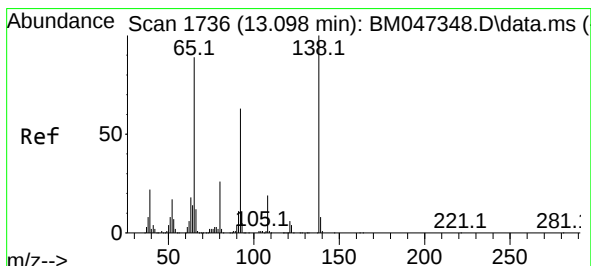
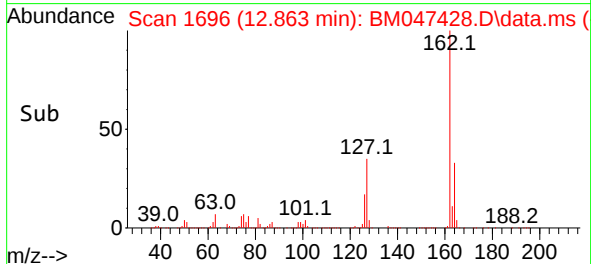
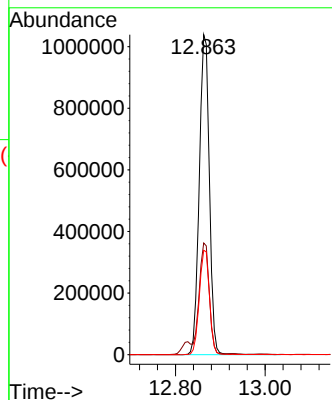
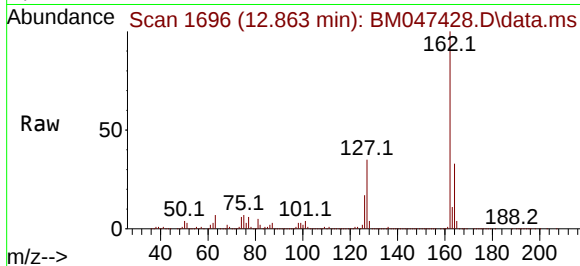




#47
2-Chloronaphthalene
Concen: 51.457 ng
RT: 12.863 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

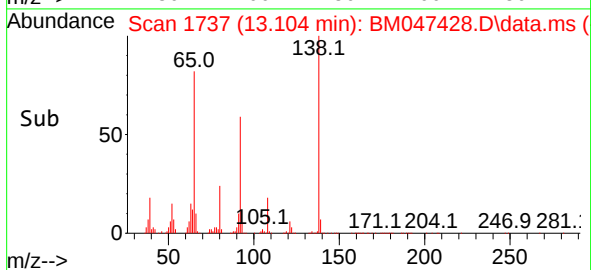
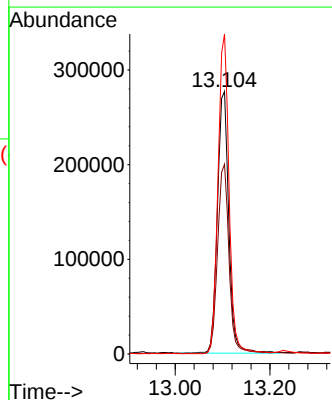
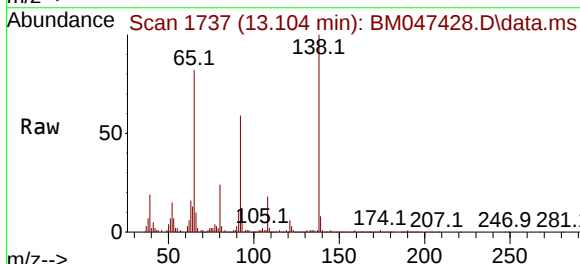
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

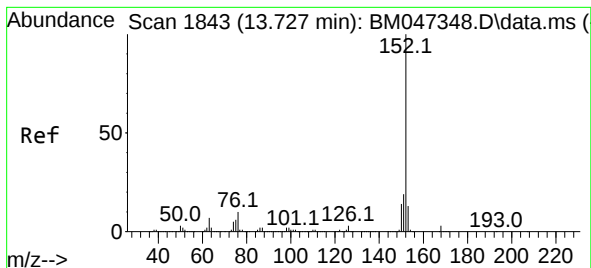
Tgt Ion:162 Resp: 1616917
Ion Ratio Lower Upper
162 100
127 34.9 28.3 42.5
164 32.6 27.0 40.4



#48
2-Nitroaniline
Concen: 52.519 ng
RT: 13.104 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion: 65 Resp: 462269
Ion Ratio Lower Upper
65 100
92 72.3 57.0 85.6
138 121.9 90.0 135.0





#49

Acenaphthylene

Concen: 56.072 ng

RT: 13.727 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

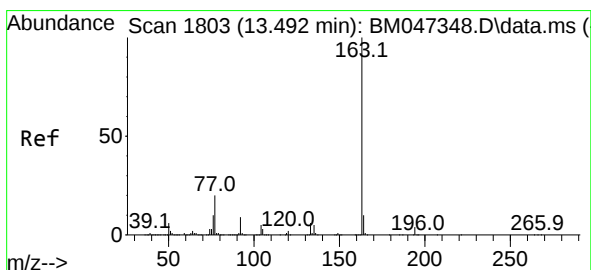
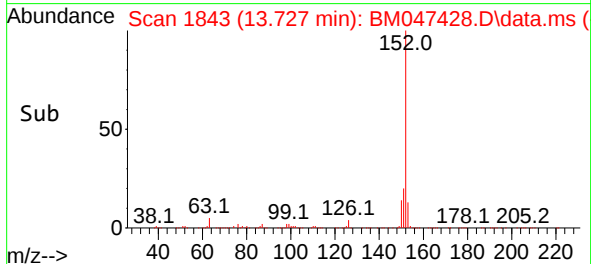
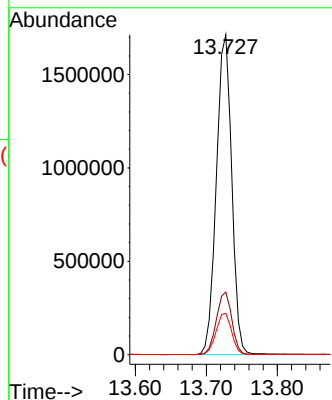
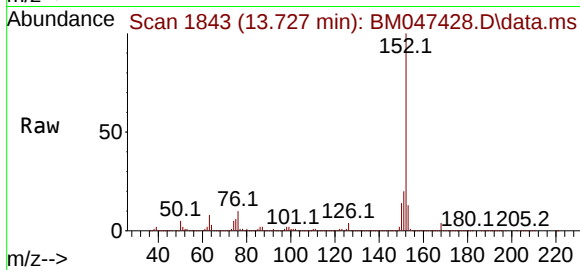
Tgt Ion:152 Resp: 2560758

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.0

153 12.9 10.6 15.8



#50

Dimethylphthalate

Concen: 51.718 ng

RT: 13.486 min Scan# 1802

Delta R.T. -0.006 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

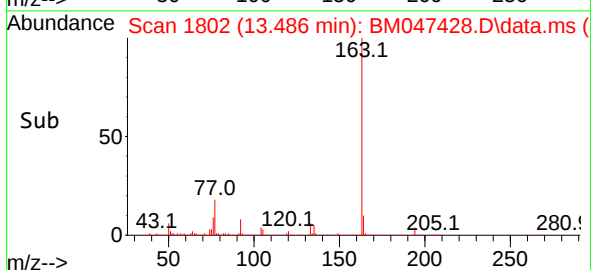
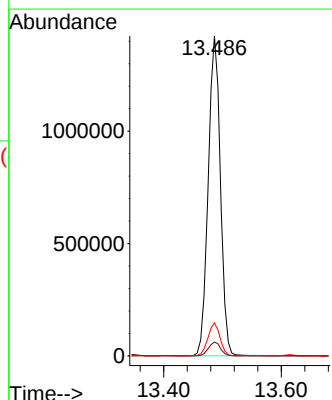
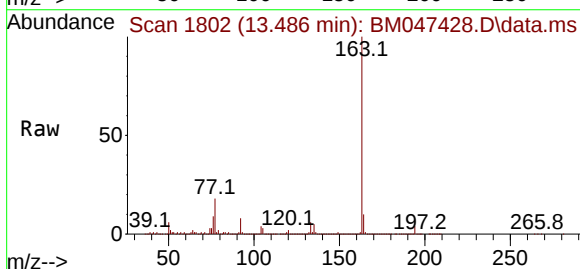
Tgt Ion:163 Resp: 2046392

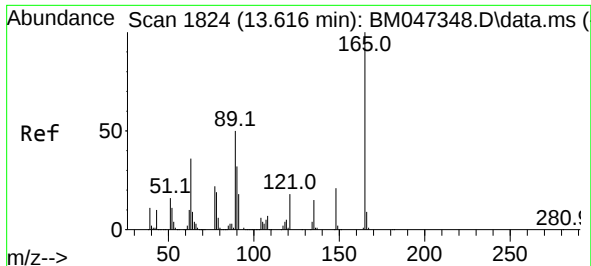
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.3 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 49.379 ng

RT: 13.616 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047428.D

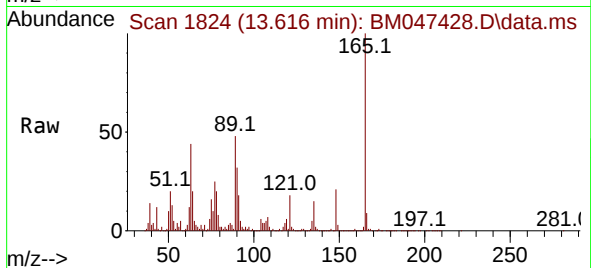
Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD



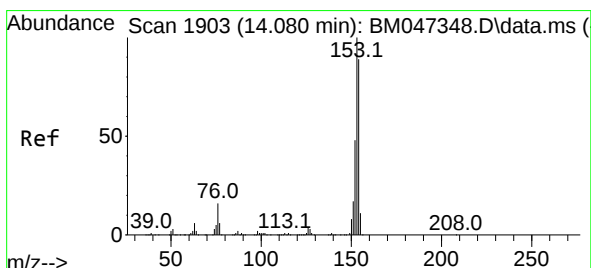
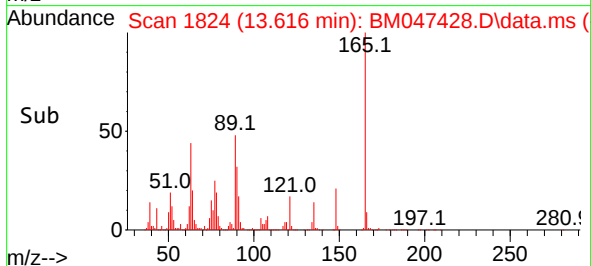
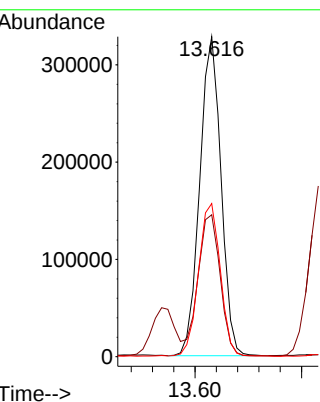
Tgt Ion:165 Resp: 454911

Ion Ratio Lower Upper

165 100

63 44.4 38.2 57.4

89 47.9 40.4 60.6



#52

Acenaphthene

Concen: 52.618 ng

RT: 14.074 min Scan# 1902

Delta R.T. -0.006 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

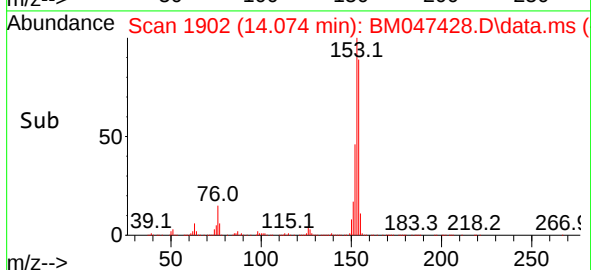
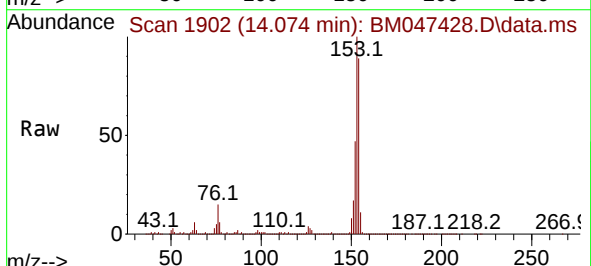
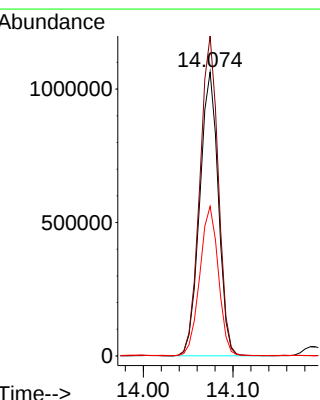
Tgt Ion:154 Resp: 1525477

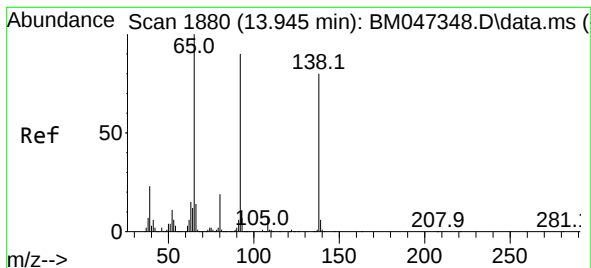
Ion Ratio Lower Upper

154 100

153 112.7 89.5 134.3

152 52.7 43.0 64.4

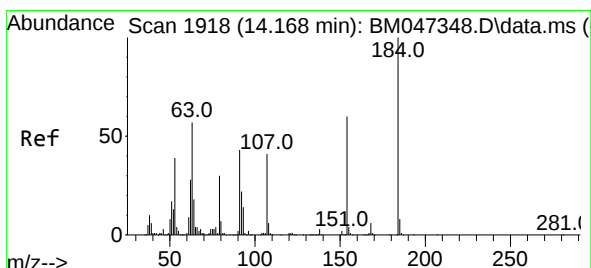
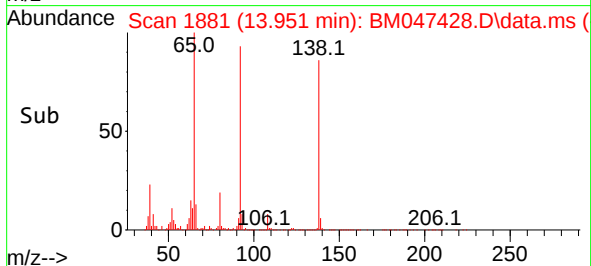
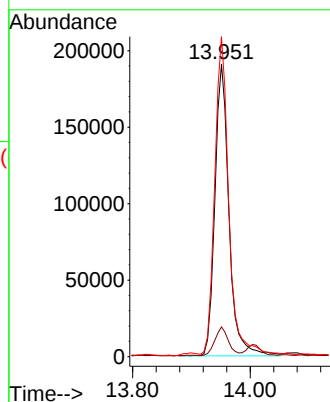
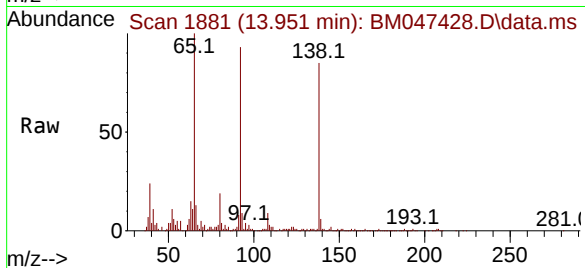




#53
3-Nitroaniline
Concen: 37.296 ng
RT: 13.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

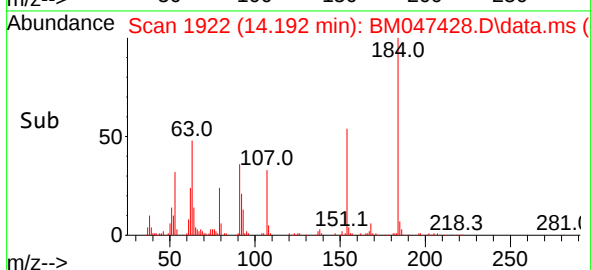
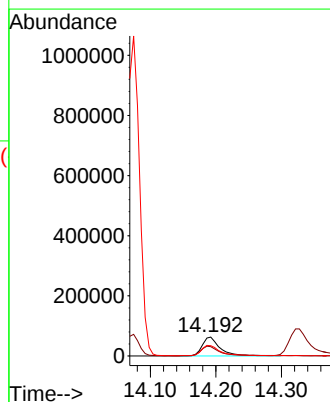
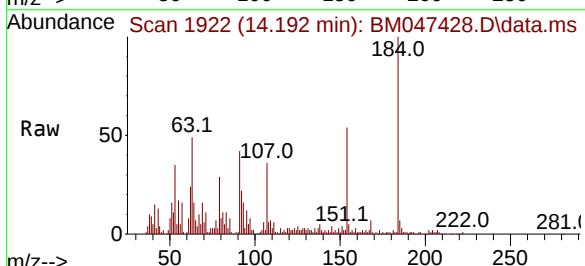
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

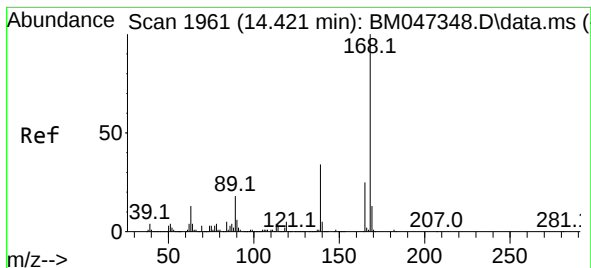
Tgt Ion:138 Resp: 317056
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 109.3 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 21.198 ng
RT: 14.192 min Scan# 1922
Delta R.T. 0.024 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:184 Resp: 120267
Ion Ratio Lower Upper
184 100
63 49.1 45.7 68.5
154 54.4 48.5 72.7





#55

Dibenzenofuran

Concen: 51.050 ng

RT: 14.416 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

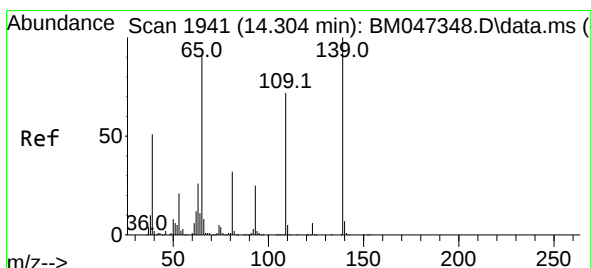
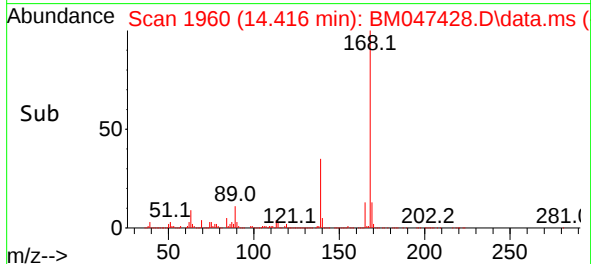
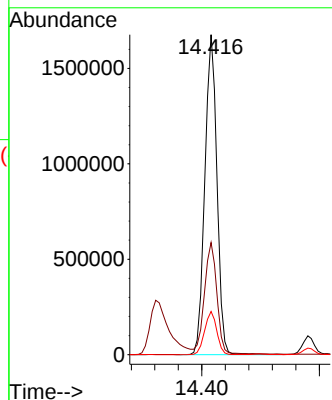
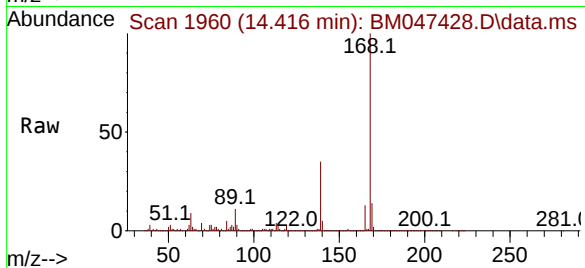
Tgt Ion:168 Resp: 2383874

Ion Ratio Lower Upper

168 100

139 35.1 27.5 41.3

169 13.5 10.5 15.7



#56

4-Nitrophenol

Concen: 95.949 ng

RT: 14.322 min Scan# 1944

Delta R.T. 0.018 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

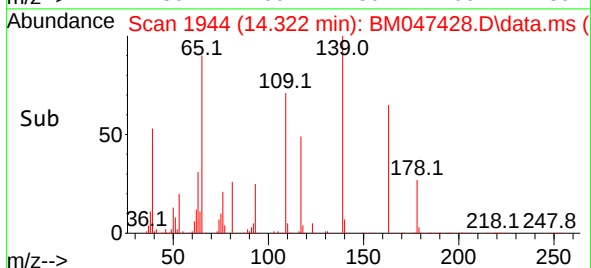
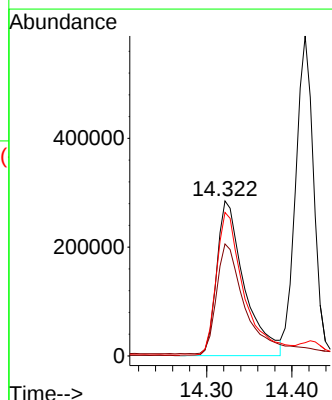
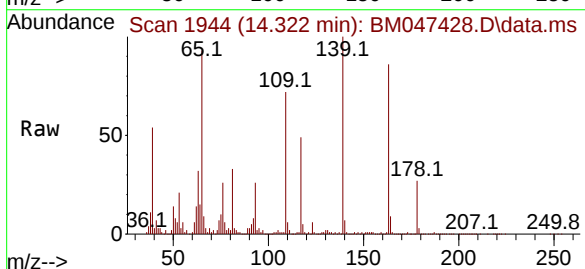
Tgt Ion:139 Resp: 637589

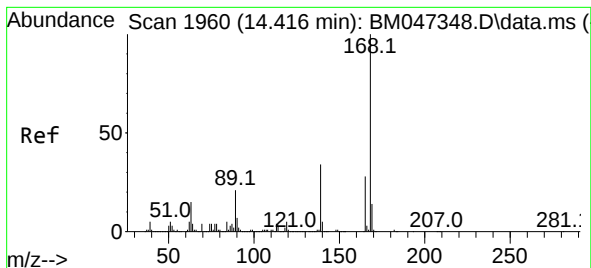
Ion Ratio Lower Upper

139 100

109 72.3 51.6 91.6

65 92.6 71.7 111.7





#57

2,4-Dinitrotoluene

Concen: 48.509 ng

RT: 14.427 min Scan# 1960

Delta R.T. 0.012 min

Lab File: BM047428.D

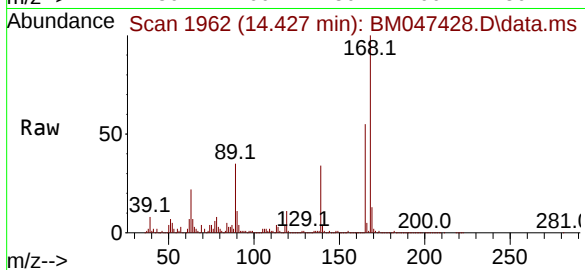
Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD



Tgt Ion:165 Resp: 578523

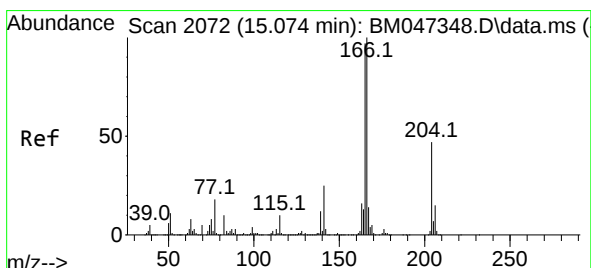
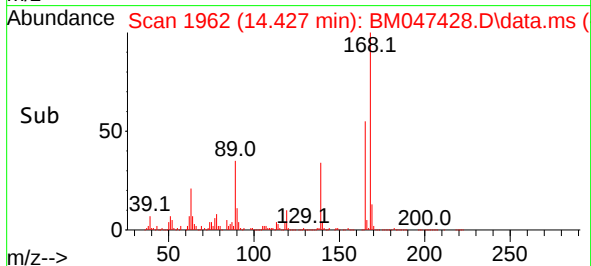
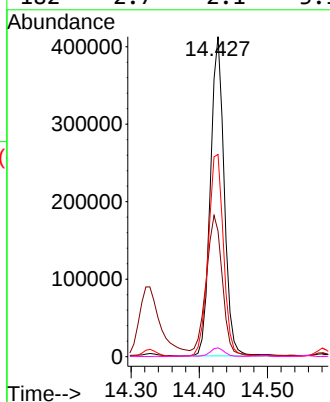
Ion Ratio Lower Upper

165 100

63 39.3 42.2 63.4#

89 63.2 59.3 88.9

182 2.7 2.1 3.1



#58

Fluorene

Concen: 48.981 ng

RT: 15.074 min Scan# 2072

Delta R.T. 0.000 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

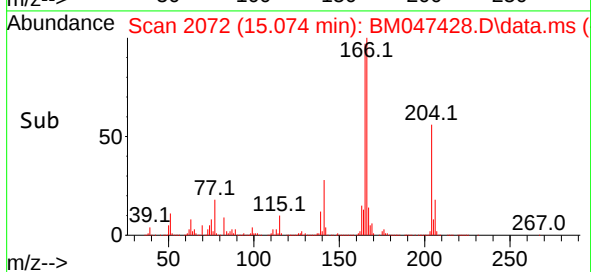
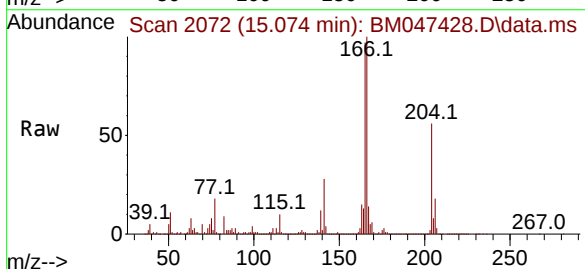
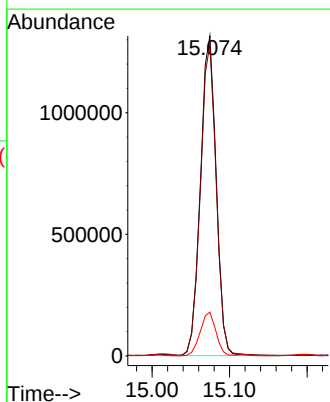
Tgt Ion:166 Resp: 1851148

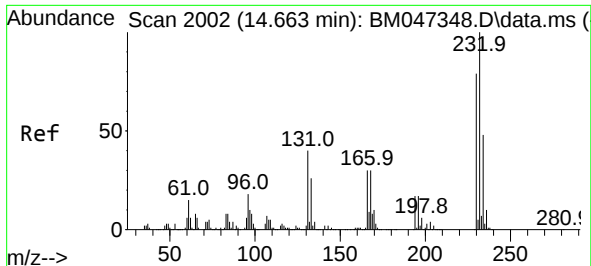
Ion Ratio Lower Upper

166 100

165 97.4 77.8 116.6

167 13.7 11.1 16.7

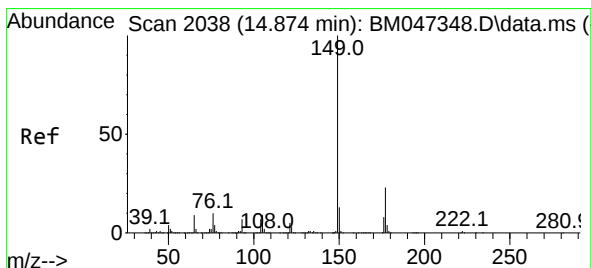
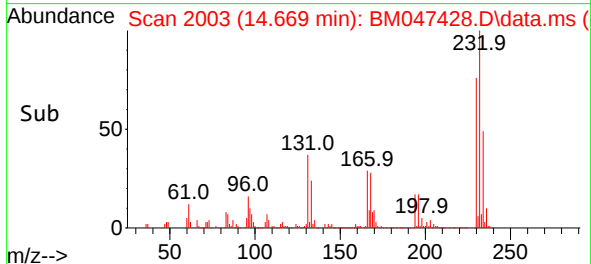
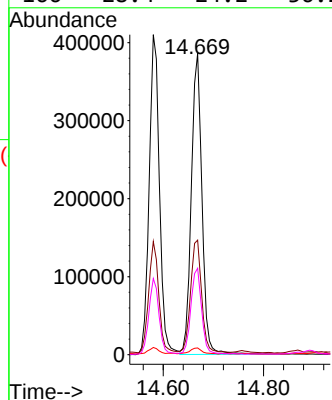
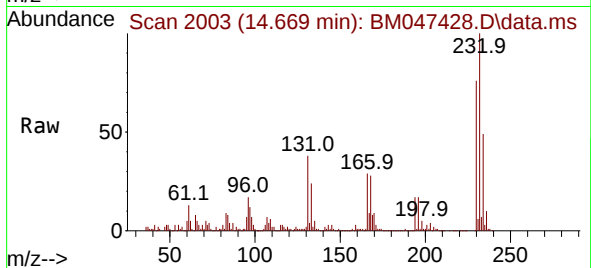




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.509 ng
RT: 14.669 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

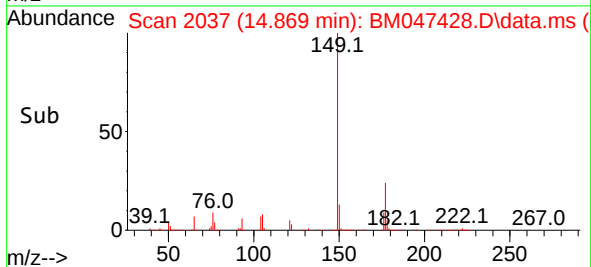
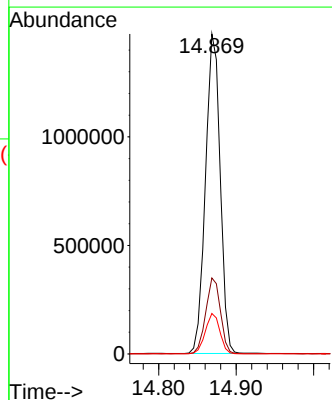
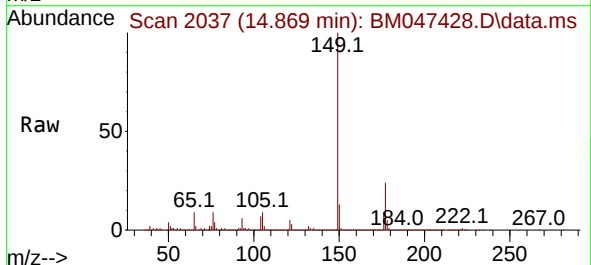
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

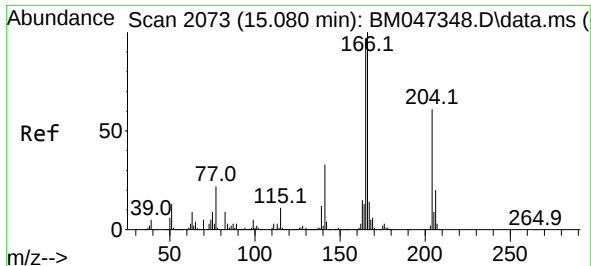
Tgt Ion:232 Resp: 568984
Ion Ratio Lower Upper
232 100
131 38.6 31.7 47.5
130 2.4 1.7 2.5
166 28.4 24.2 36.2



#60
Diethylphthalate
Concen: 49.658 ng
RT: 14.869 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:149 Resp: 1938208
Ion Ratio Lower Upper
149 100
177 23.8 18.6 28.0
150 12.7 10.2 15.4

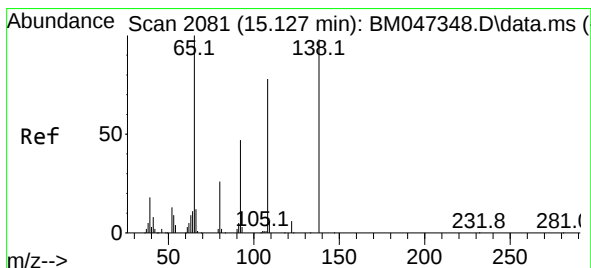
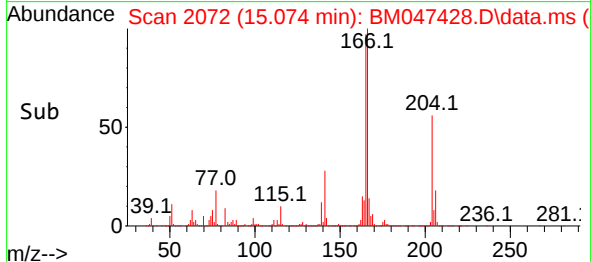
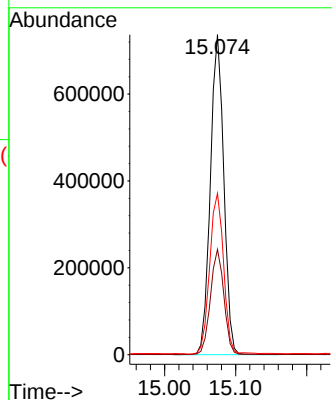
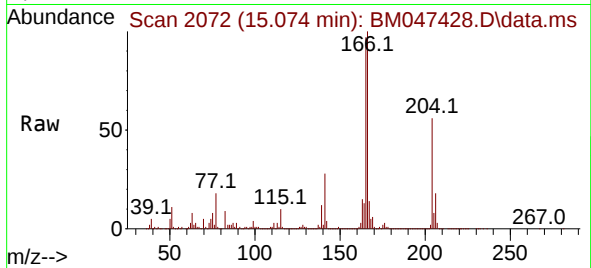




#61
4-Chlorophenyl-phenylether
Concen: 50.322 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

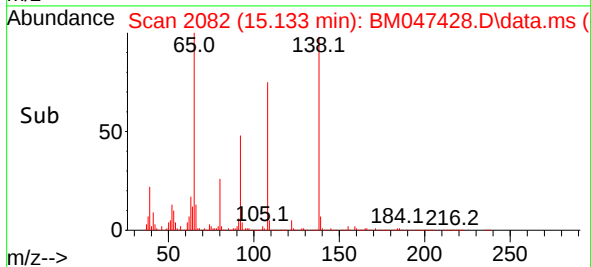
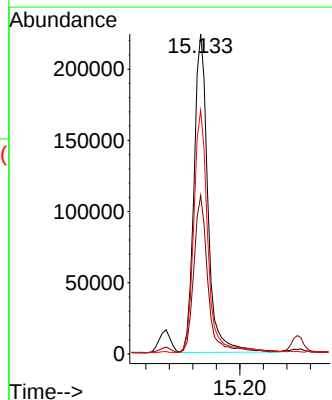
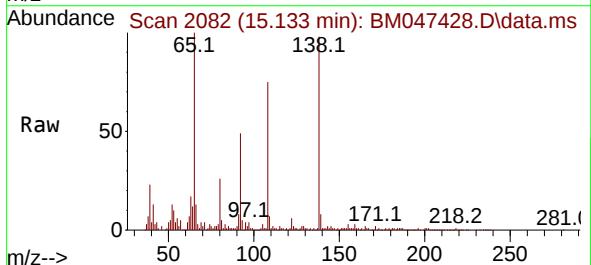
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

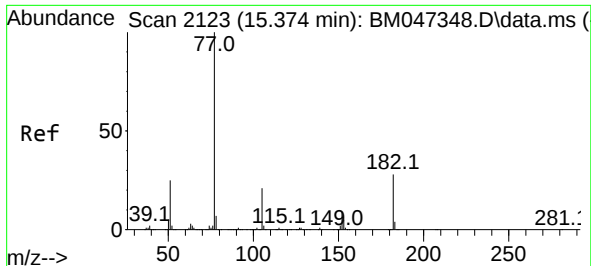
Tgt Ion:204 Resp: 967456
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 50.4 42.8 64.2



#62
4-Nitroaniline
Concen: 46.782 ng
RT: 15.133 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:138 Resp: 367897
Ion Ratio Lower Upper
138 100
92 49.5 27.9 67.9
108 76.2 58.7 98.7

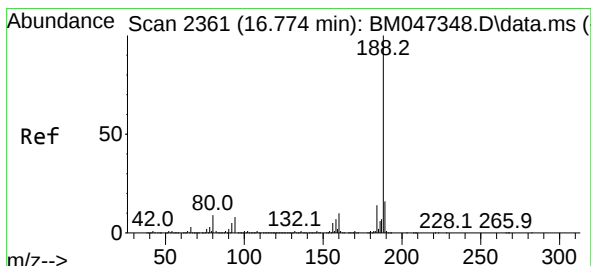
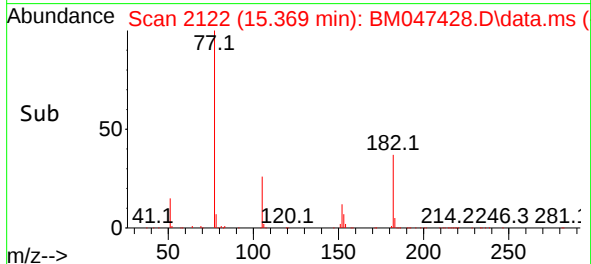
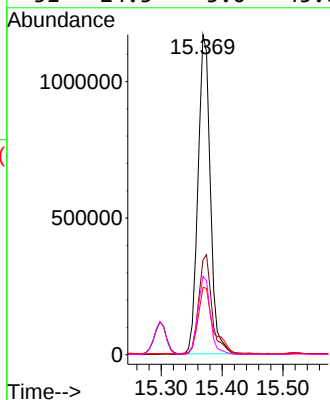
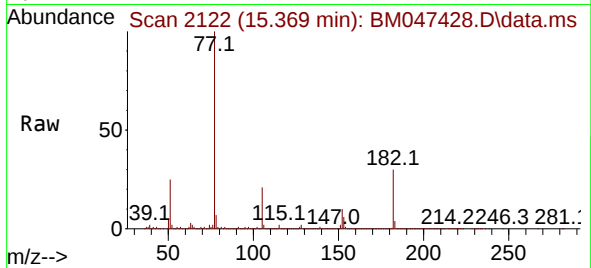




#63
Azobenzene
Concen: 48.544 ng
RT: 15.369 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

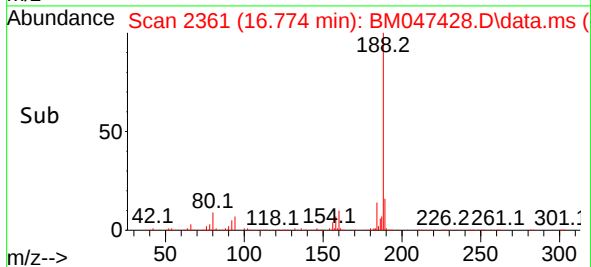
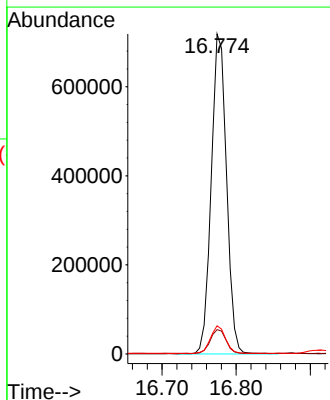
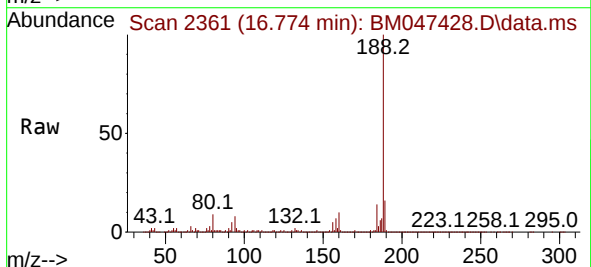
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

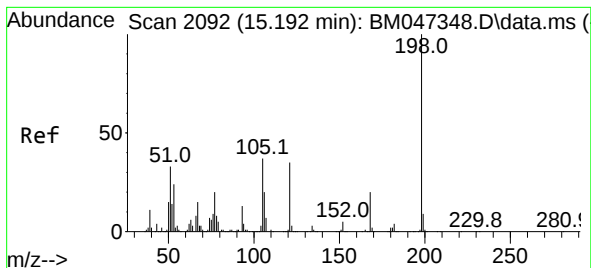
Tgt Ion: 77 Resp: 1649946
Ion Ratio Lower Upper
77 100
182 29.6 7.9 47.9
105 21.1 0.6 40.6
51 24.5 5.0 45.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion: 188 Resp: 1028165
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 8.8 7.4 11.2

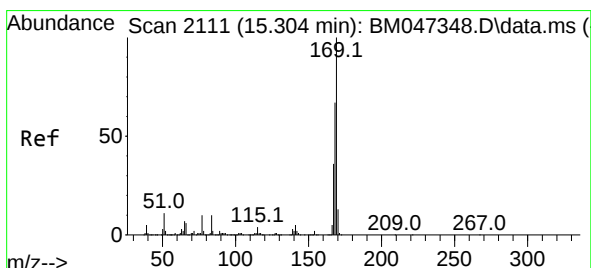
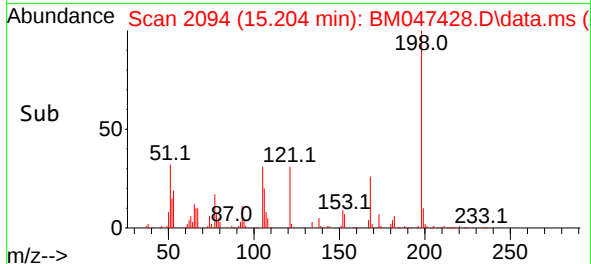
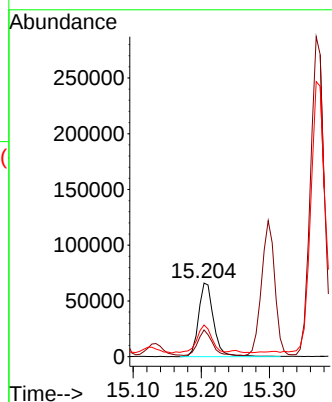
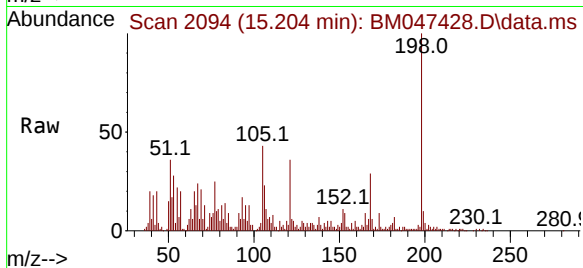




#65
4,6-Dinitro-2-methylphenol
Concen: 16.046 ng
RT: 15.204 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

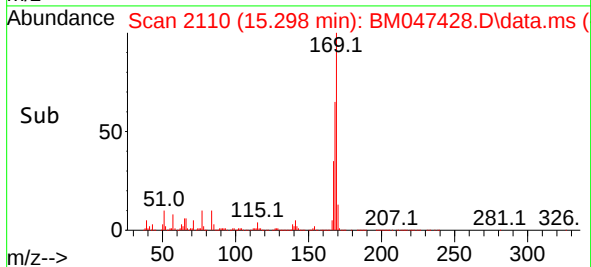
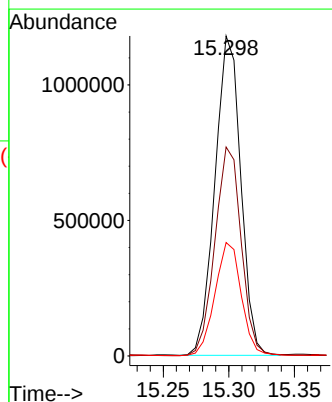
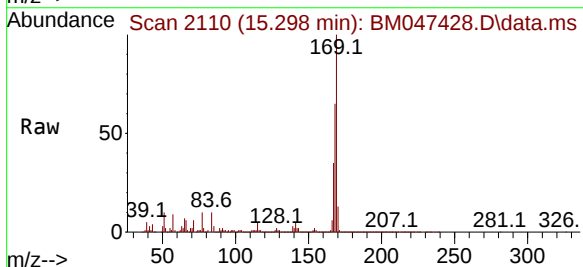
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

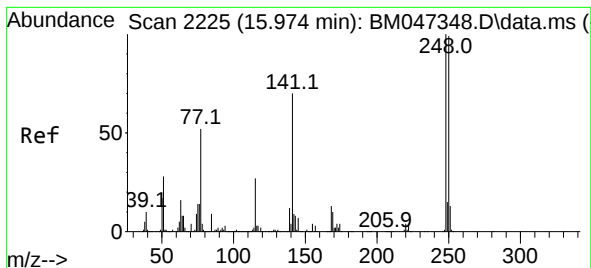
Tgt Ion:198 Resp: 101262
Ion Ratio Lower Upper
198 100
51 36.2 14.1 54.1
105 43.0 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 57.300 ng
RT: 15.298 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:169 Resp: 1612056
Ion Ratio Lower Upper
169 100
168 65.3 53.4 80.0
167 35.4 29.0 43.4

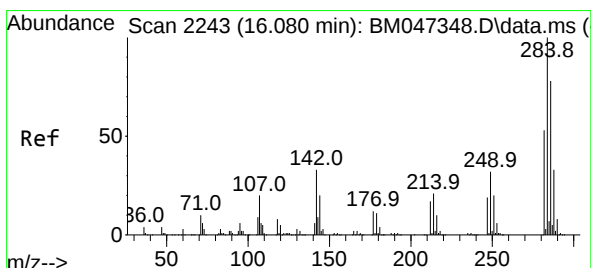
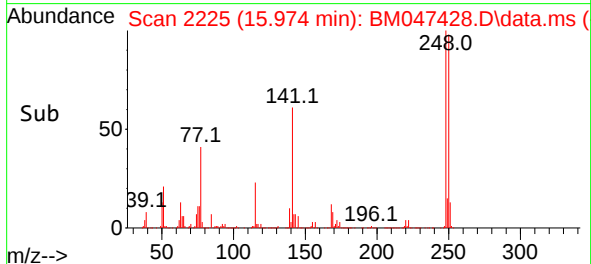
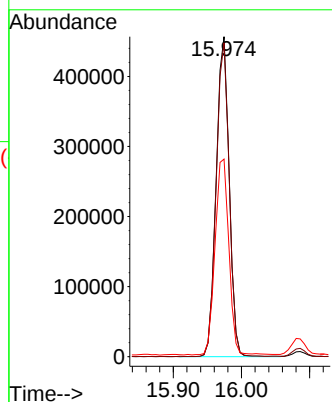
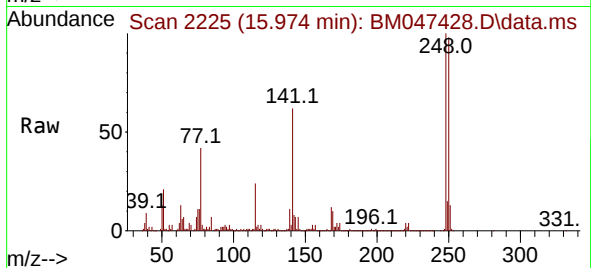




#67
4-Bromophenyl-phenylether
Concen: 56.025 ng
RT: 15.974 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

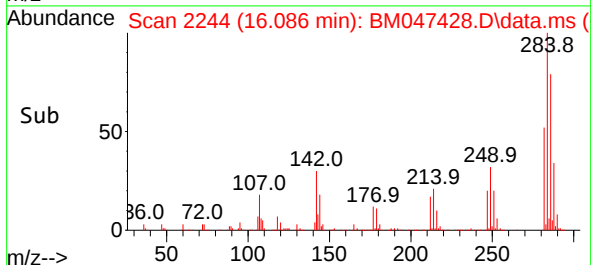
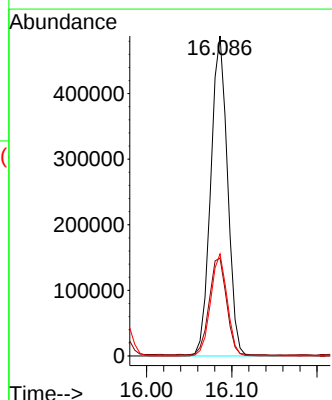
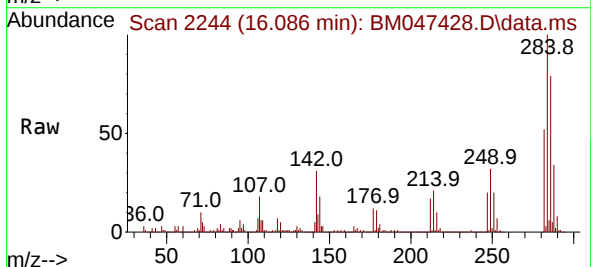
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

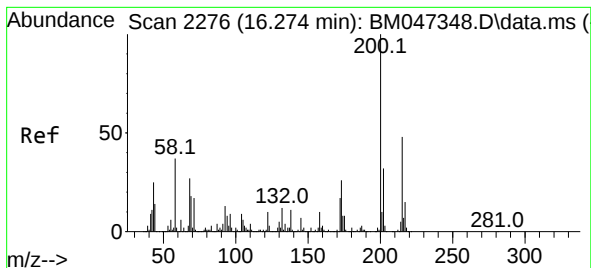
Tgt Ion:248 Resp: 607685
Ion Ratio Lower Upper
248 100
250 98.1 78.8 118.2
141 61.8 55.9 83.9



#68
Hexachlorobenzene
Concen: 53.223 ng
RT: 16.086 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:284 Resp: 666772
Ion Ratio Lower Upper
284 100
142 30.6 26.5 39.7
249 31.9 25.5 38.3





#69

Atrazine

Concen: 64.942 ng

RT: 16.274 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

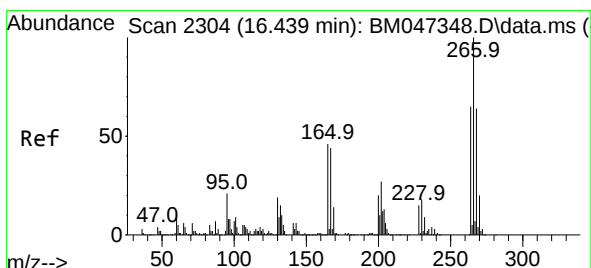
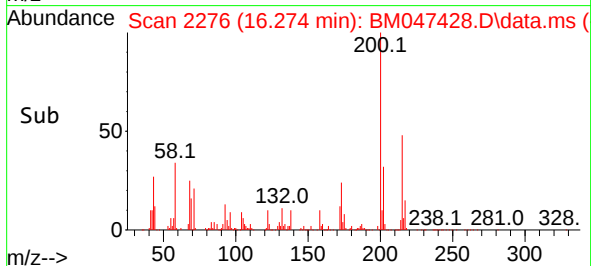
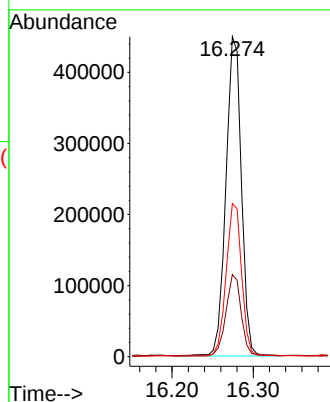
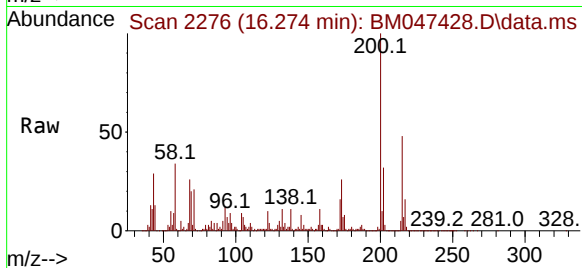
Tgt Ion:200 Resp: 597200

Ion Ratio Lower Upper

200 100

173 25.7 5.8 45.8

215 47.9 28.3 68.3



#70

Pentachlorophenol

Concen: 100.835 ng

RT: 16.445 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

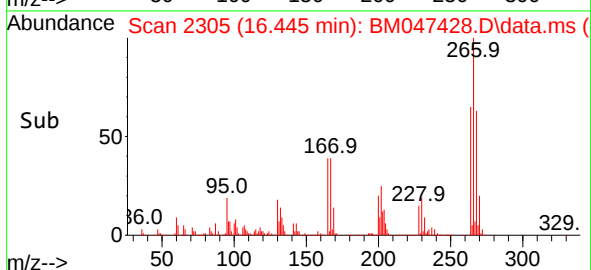
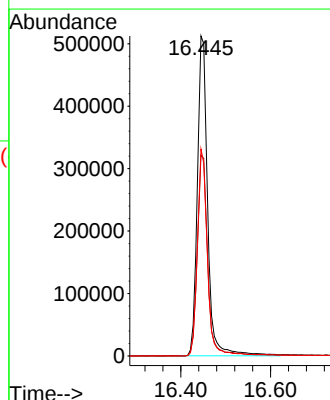
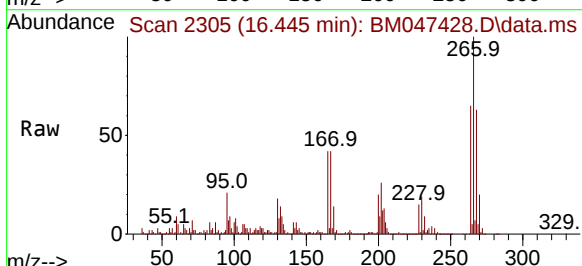
Tgt Ion:266 Resp: 816722

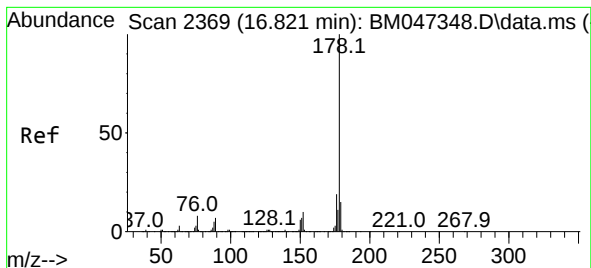
Ion Ratio Lower Upper

266 100

268 62.7 51.0 76.6

264 64.6 51.9 77.9





#71

Phenanthrene

Concen: 56.744 ng

RT: 16.821 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

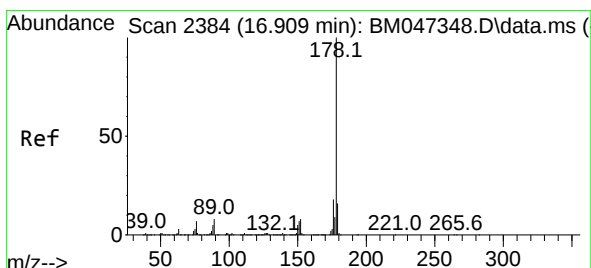
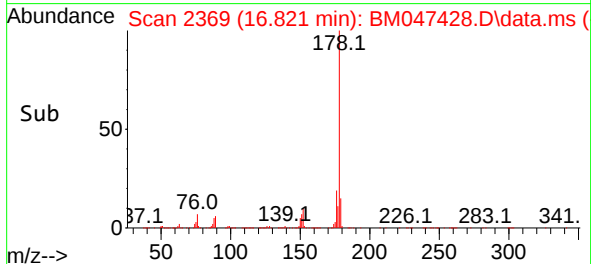
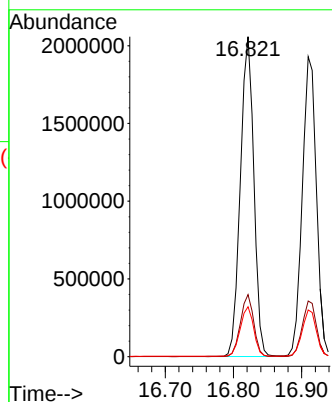
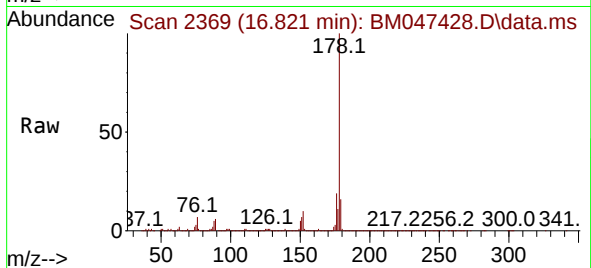
Tgt Ion:178 Resp: 2833355

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

179 15.6 12.2 18.4



#72

Anthracene

Concen: 57.176 ng

RT: 16.910 min Scan# 2384

Delta R.T. 0.000 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

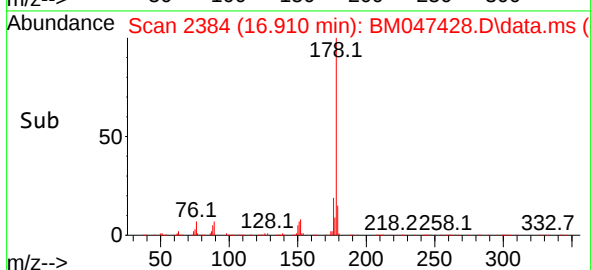
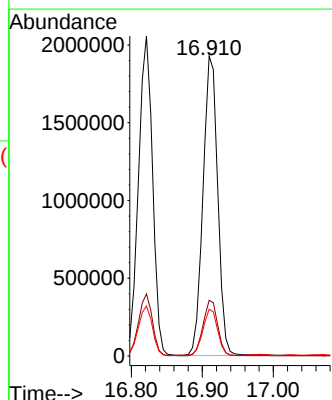
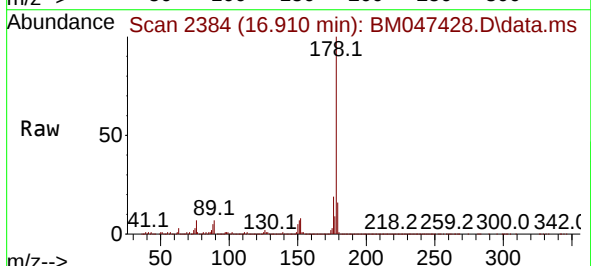
Tgt Ion:178 Resp: 2783061

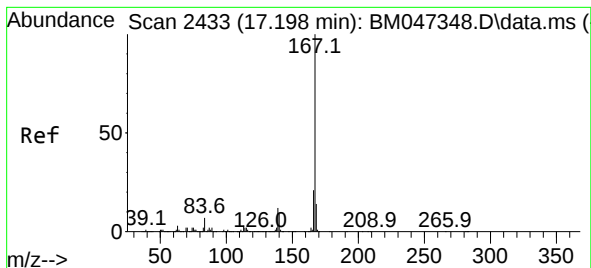
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.6 12.6 18.8





#73

Carbazole

Concen: 51.504 ng

RT: 17.198 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

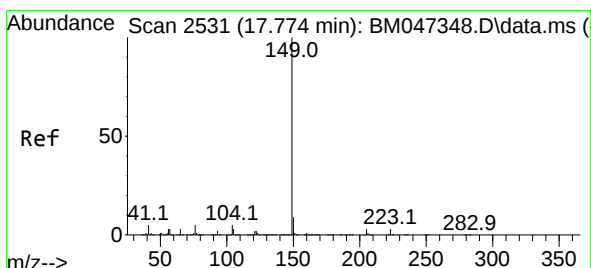
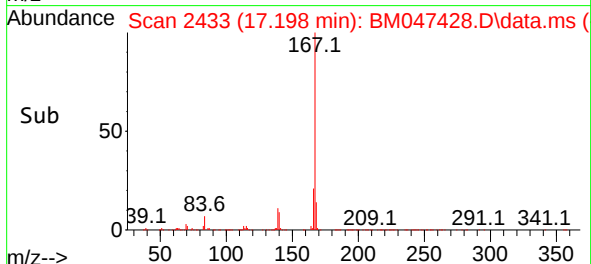
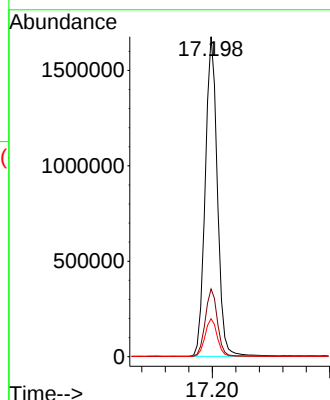
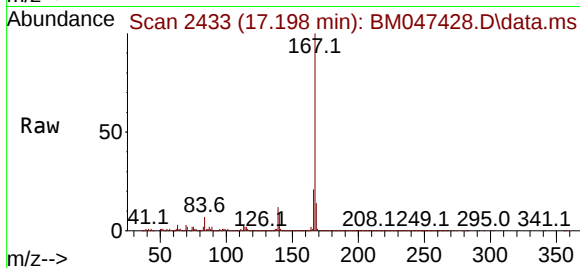
Tgt Ion:167 Resp: 2405748

Ion Ratio Lower Upper

167 100

166 21.1 16.9 25.3

139 11.9 9.5 14.3



#74

Di-n-butylphthalate

Concen: 52.868 ng

RT: 17.768 min Scan# 2530

Delta R.T. -0.006 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

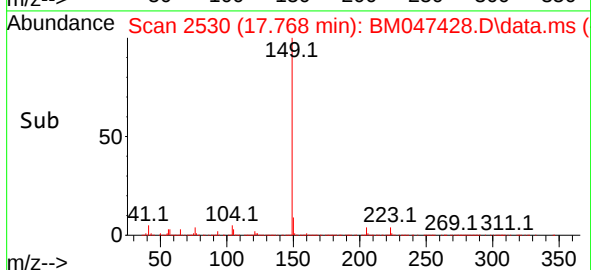
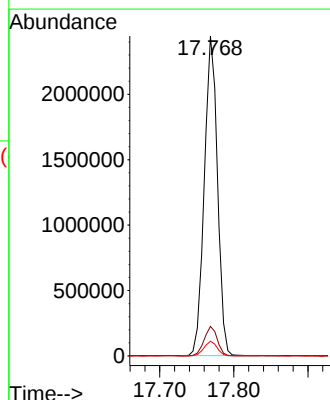
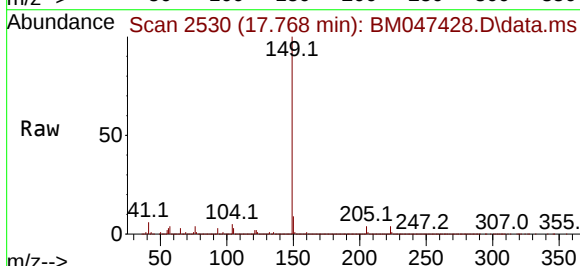
Tgt Ion:149 Resp: 3007028

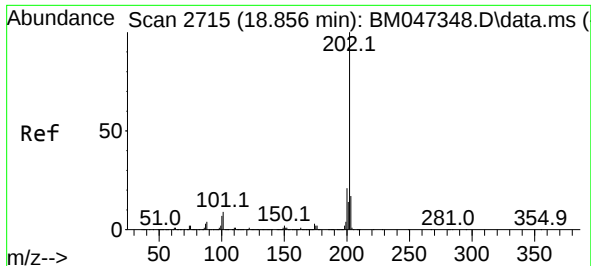
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.6 3.8 5.6

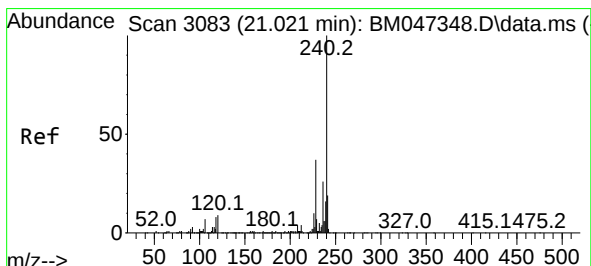
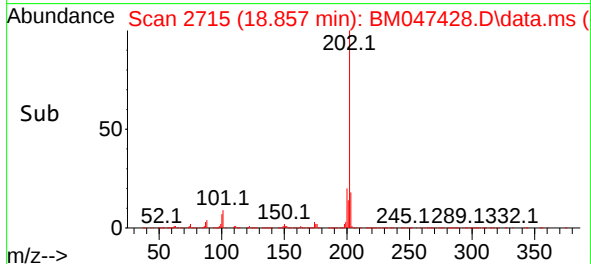
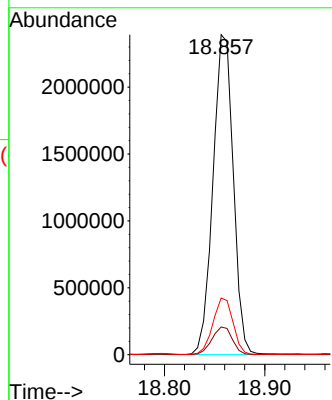
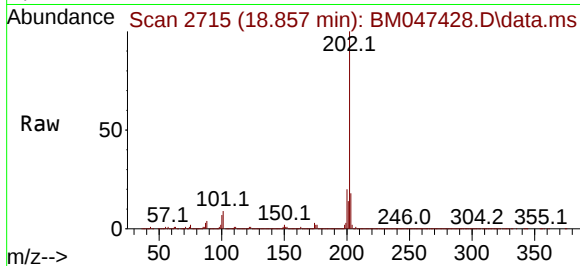




#75
Fluoranthene
Concen: 57.308 ng
RT: 18.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

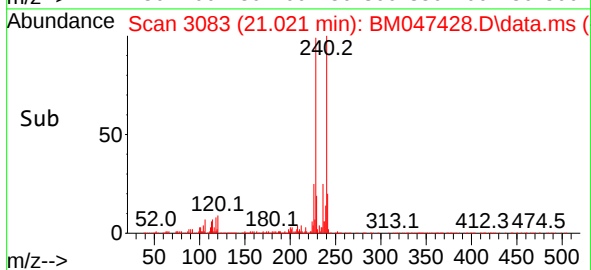
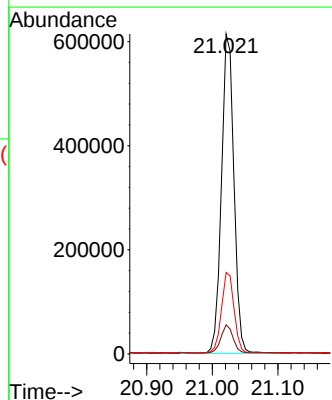
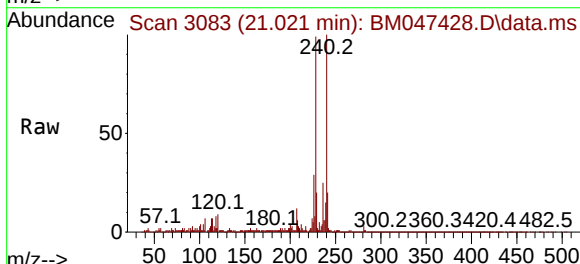
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

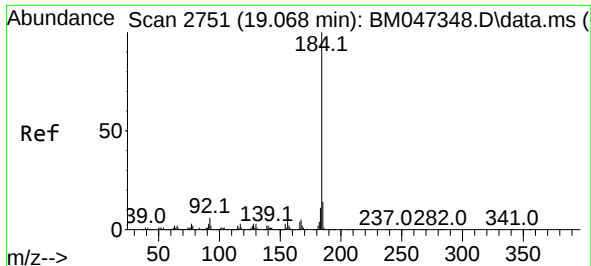
Tgt Ion:202 Resp: 3359959
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.0
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:240 Resp: 804689
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 25.4 20.8 31.2

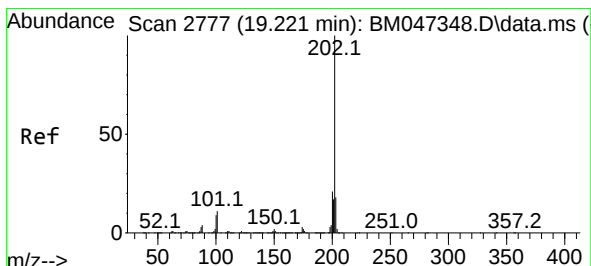
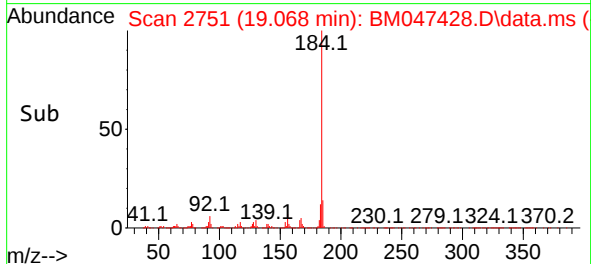
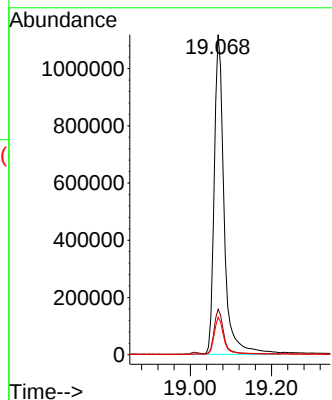
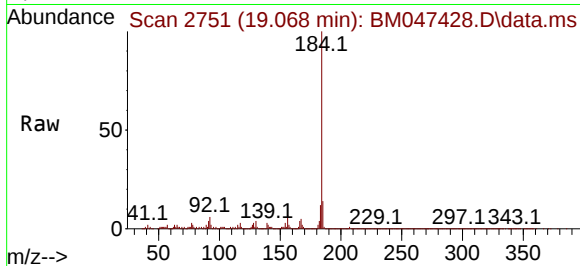




#77
Benzidine
Concen: 141.098 ng
RT: 19.068 min Scan# 2751
Delta R.T. 0.000 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

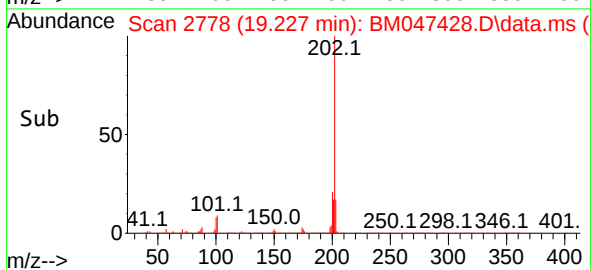
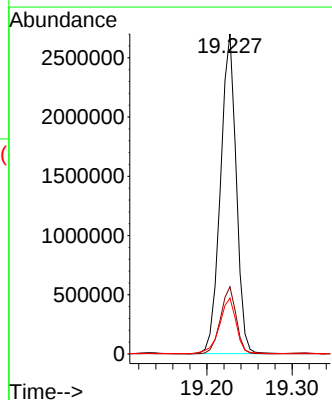
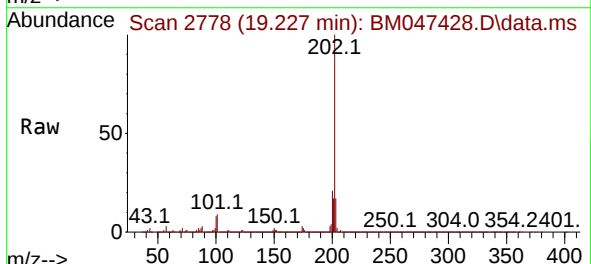
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

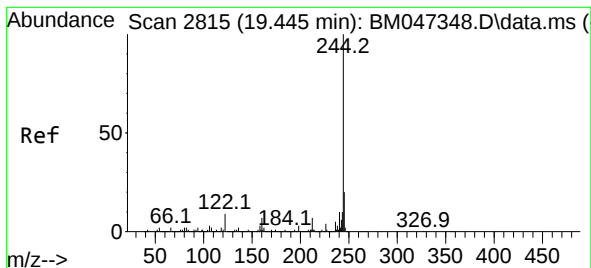
Tgt Ion:184 Resp: 1895250
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.7 9.2 13.8



#78
Pyrene
Concen: 56.314 ng
RT: 19.227 min Scan# 2778
Delta R.T. 0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:202 Resp: 3475545
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 81.937 ng

RT: 19.445 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

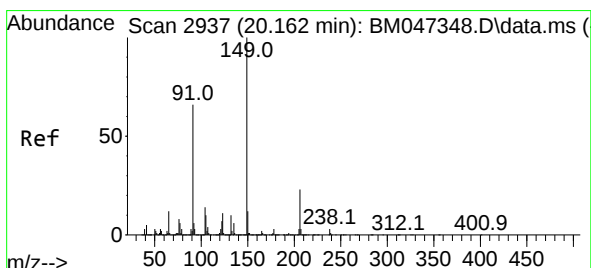
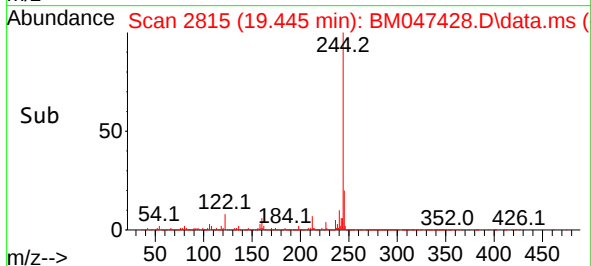
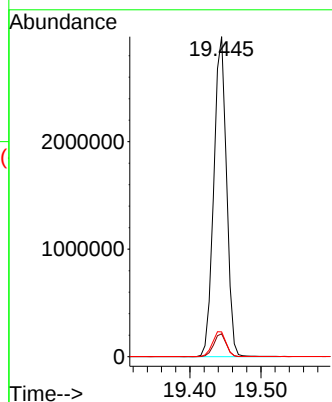
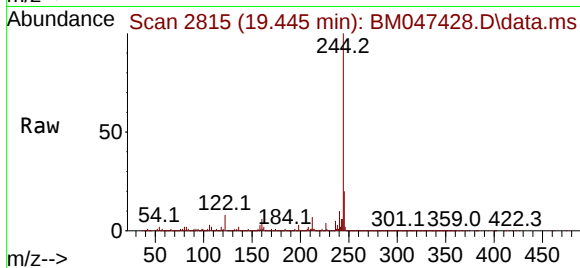
Tgt Ion:244 Resp: 3704259

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 7.8 7.0 10.4



#80

Butylbenzylphthalate

Concen: 49.394 ng

RT: 20.156 min Scan# 2936

Delta R.T. -0.006 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

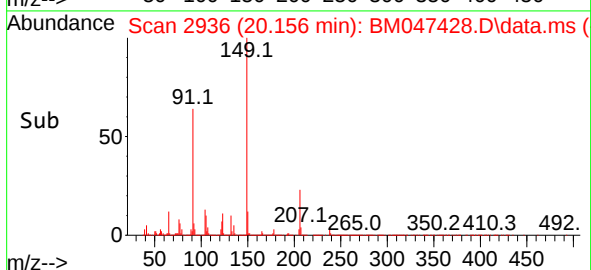
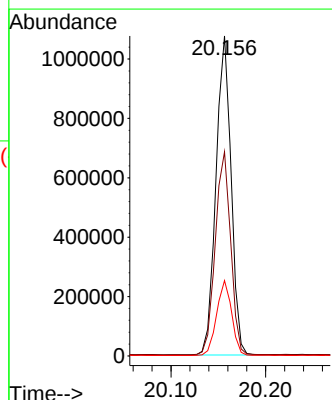
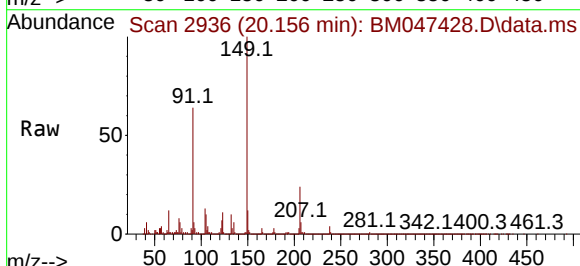
Tgt Ion:149 Resp: 1192933

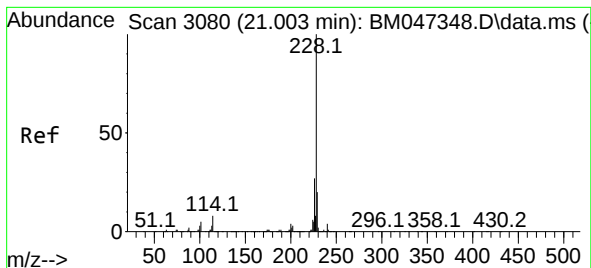
Ion Ratio Lower Upper

149 100

91 63.8 52.6 79.0

206 23.6 18.2 27.2





#81

Benzo(a)anthracene

Concen: 58.253 ng

RT: 21.009 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

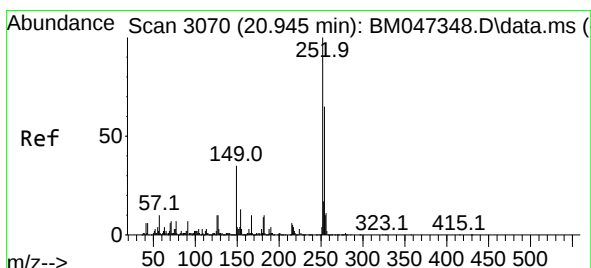
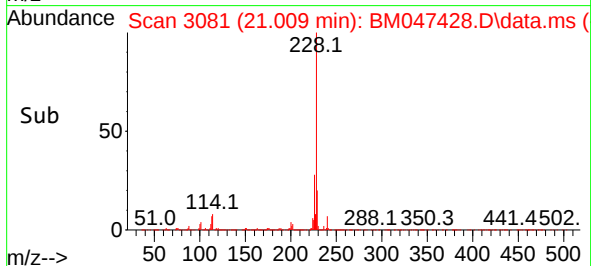
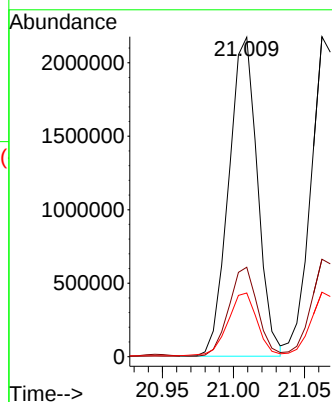
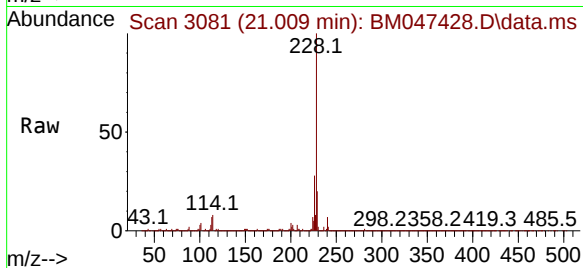
Tgt Ion:228 Resp: 3056897

Ion Ratio Lower Upper

228 100

226 28.0 21.4 32.0

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 56.445 ng

RT: 20.945 min Scan# 3070

Delta R.T. 0.000 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

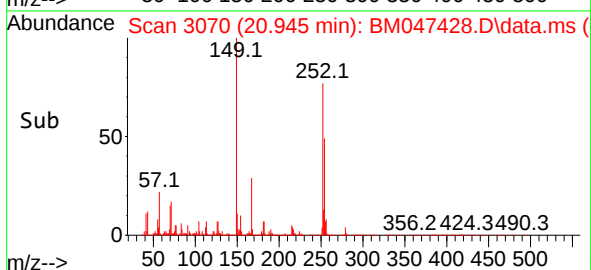
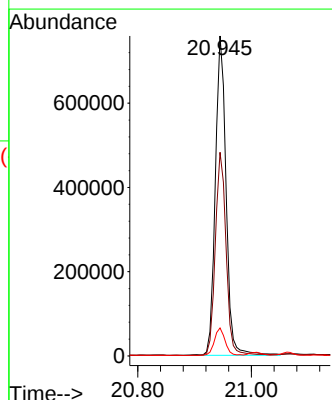
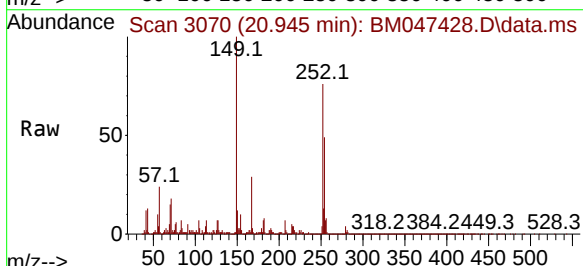
Tgt Ion:252 Resp: 996392

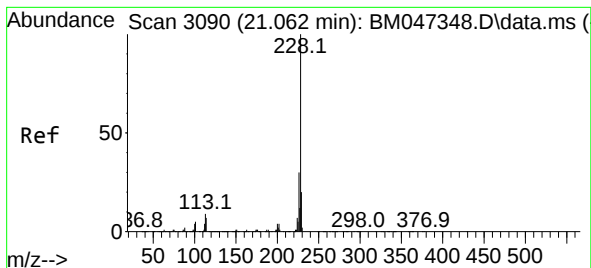
Ion Ratio Lower Upper

252 100

254 63.7 52.1 78.1

126 8.8 7.9 11.9





#83

Chrysene

Concen: 58.536 ng

RT: 21.062 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

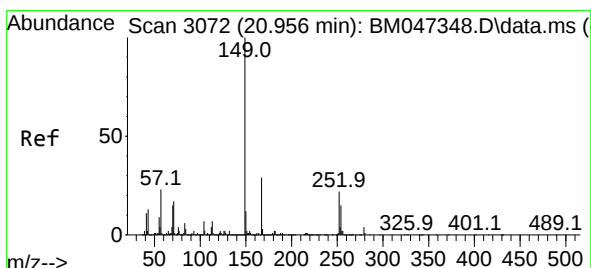
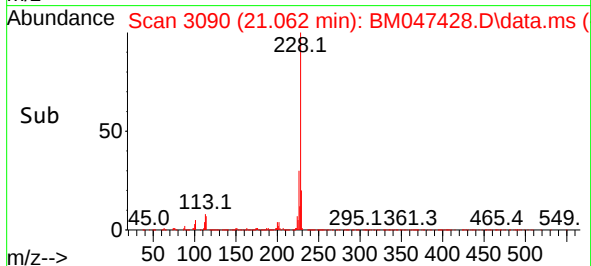
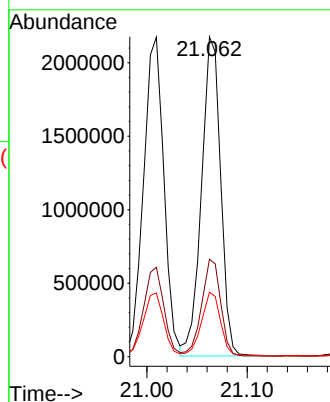
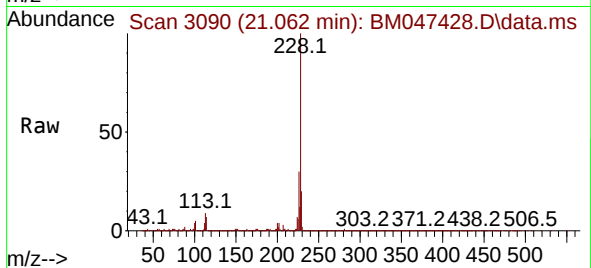
Tgt Ion:228 Resp: 2889531

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.937 ng

RT: 20.951 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

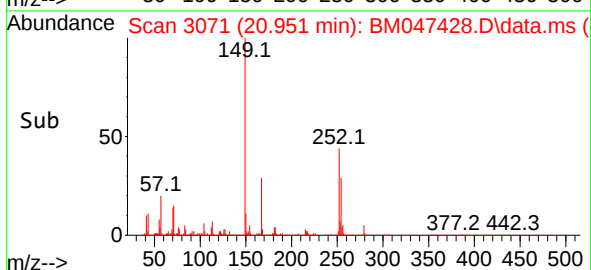
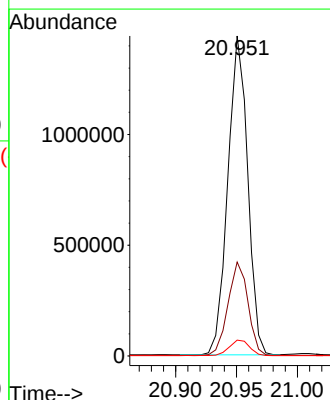
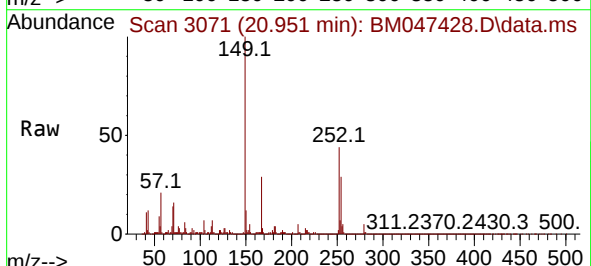
Tgt Ion:149 Resp: 1636320

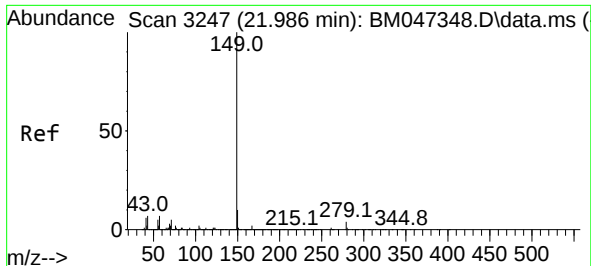
Ion Ratio Lower Upper

149 100

167 29.3 23.1 34.7

279 4.9 3.3 4.9#

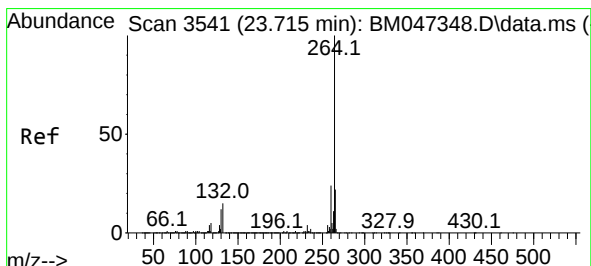
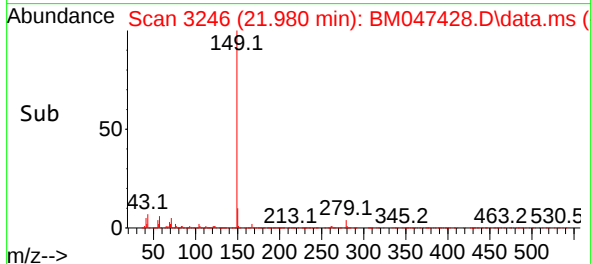
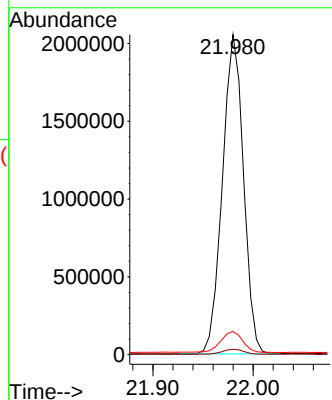
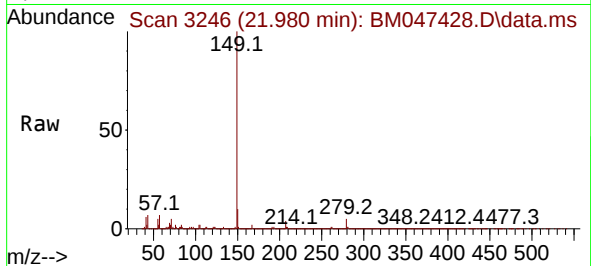




#85
Di-n-octyl phthalate
Concen: 51.889 ng
RT: 21.980 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

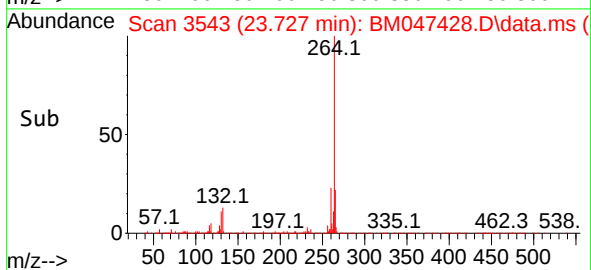
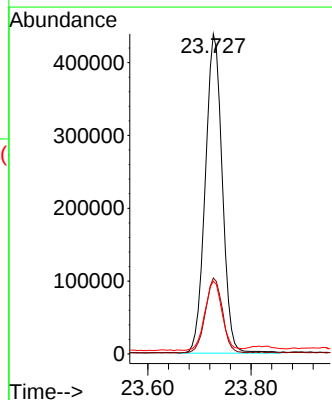
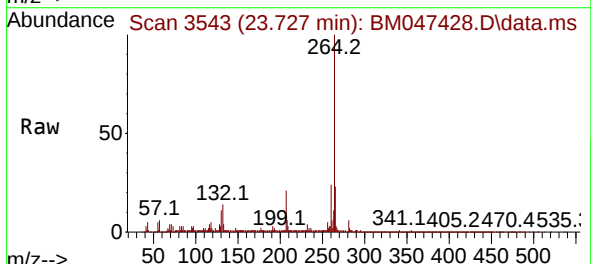
Instrument :
BNA_M
ClientSampleId :
TR-04-083024MSD

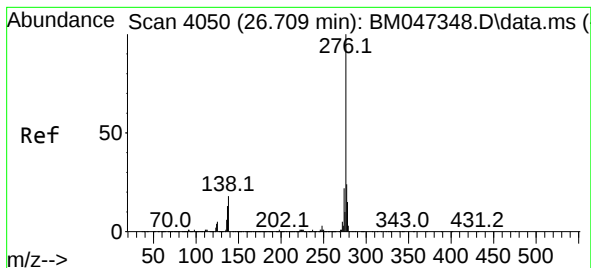
Tgt Ion:149 Resp: 2981200
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.9 6.1 9.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3543
Delta R.T. 0.012 min
Lab File: BM047428.D
Acq: 03 Sep 2024 16:43

Tgt Ion:264 Resp: 1000348
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 22.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.674 ng

RT: 26.762 min Scan# 4059

Delta R.T. 0.053 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

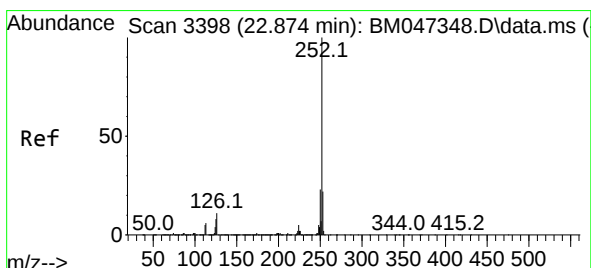
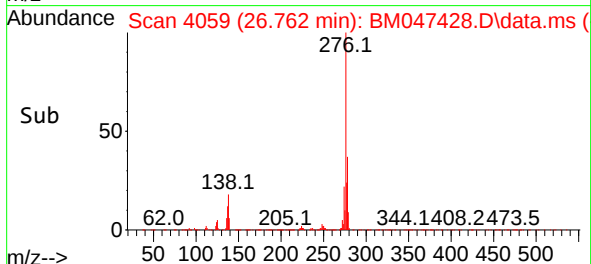
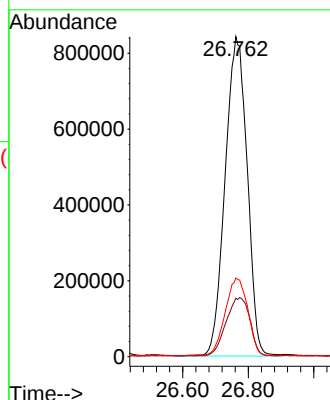
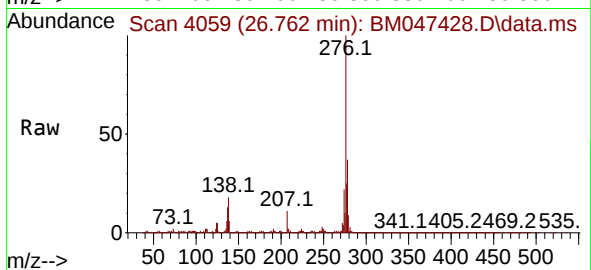
Tgt Ion:276 Resp: 3924742

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: 57.412 ng

RT: 22.886 min Scan# 3400

Delta R.T. 0.012 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

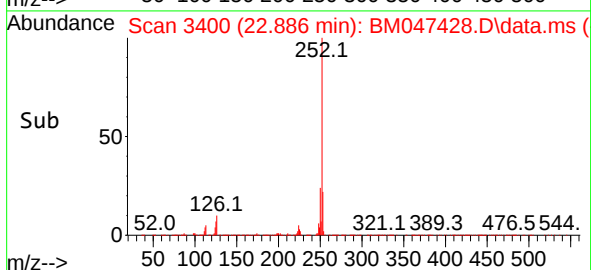
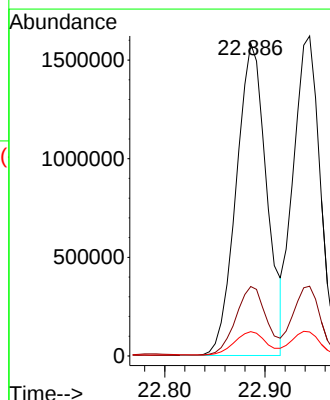
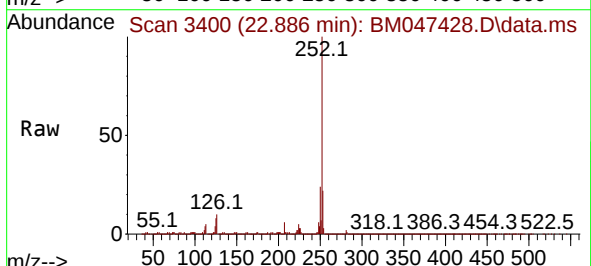
Tgt Ion:252 Resp: 3350683

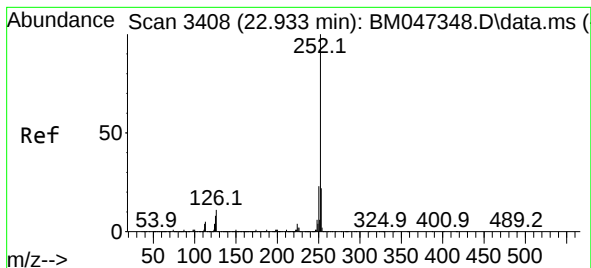
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 7.8 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 54.395 ng

RT: 22.945 min Scan# 34

Delta R.T. 0.012 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

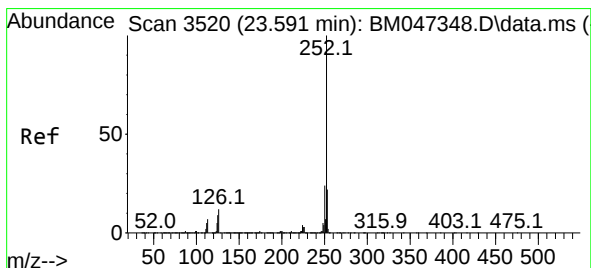
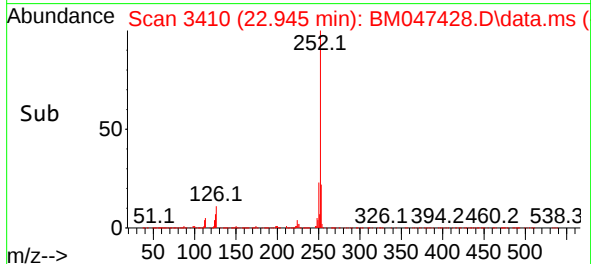
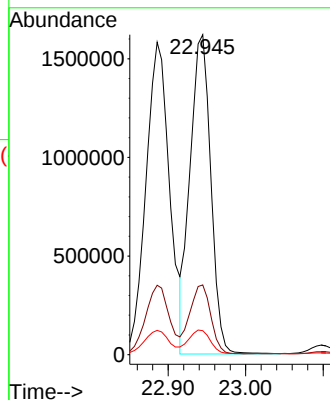
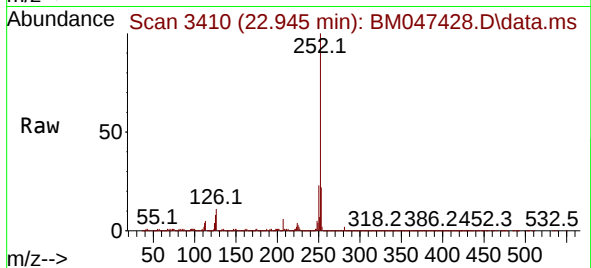
Tgt Ion:252 Resp: 3009422

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 7.5 6.6 9.8



#90

Benzo(a)pyrene

Concen: 63.162 ng

RT: 23.609 min Scan# 3523

Delta R.T. 0.018 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

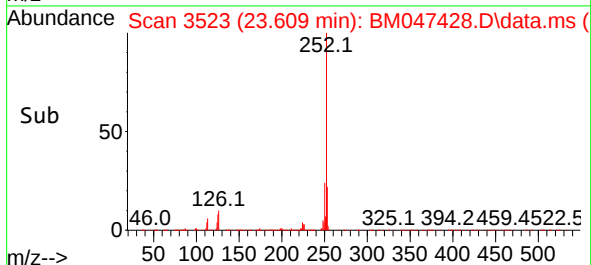
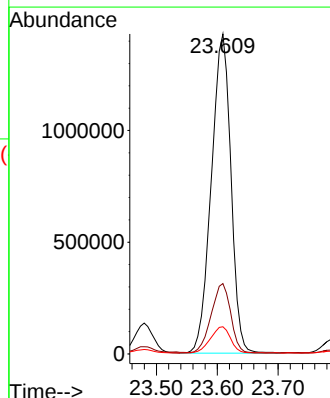
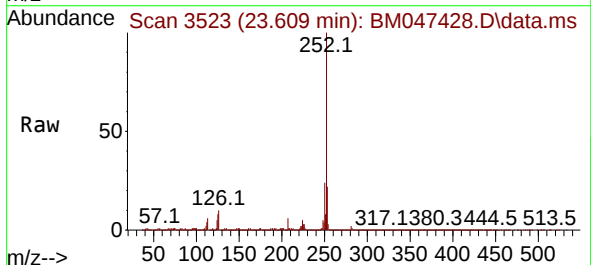
Tgt Ion:252 Resp: 3187851

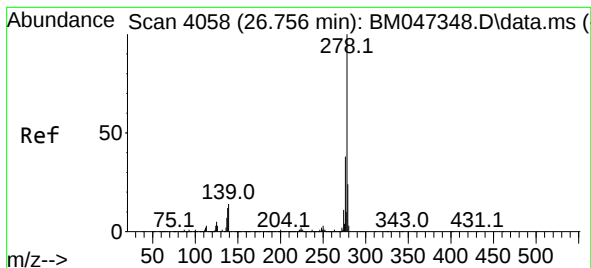
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.5 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 58.395 ng

RT: 26.797 min Scan# 4058

Delta R.T. 0.041 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Instrument :

BNA_M

ClientSampleId :

TR-04-083024MSD

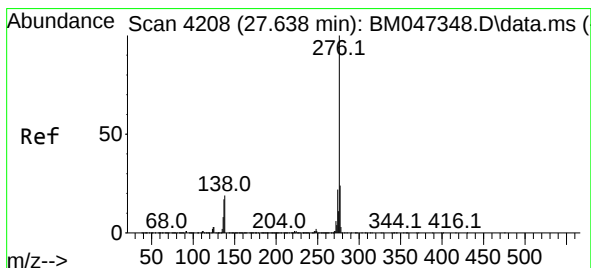
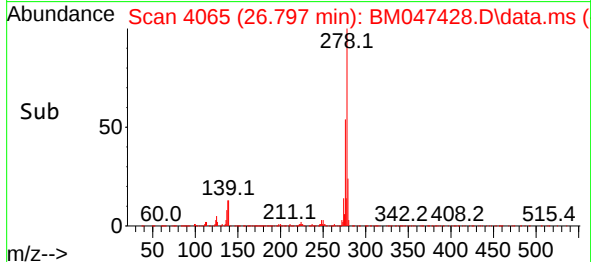
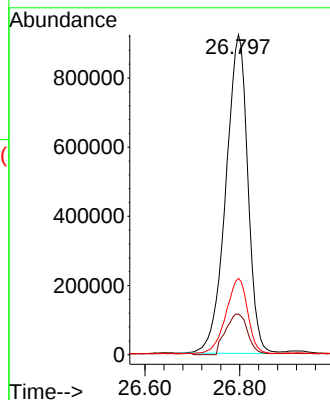
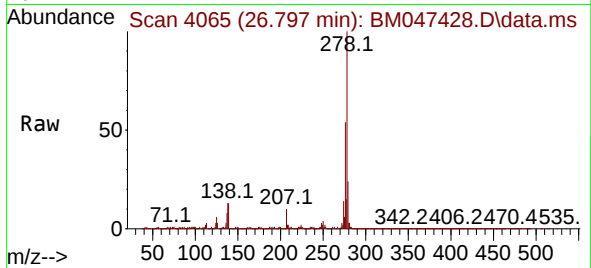
Tgt Ion:278 Resp: 2962448

Ion Ratio Lower Upper

278 100

139 12.7 11.1 16.7

279 23.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 59.135 ng

RT: 27.697 min Scan# 4218

Delta R.T. 0.059 min

Lab File: BM047428.D

Acq: 03 Sep 2024 16:43

Tgt Ion:276 Resp: 3118793

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.0

138 17.4 15.0 22.6

